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62,85



Pansy, Roggli's Improved Giants No. 103

The largest and best in Roggeli's family of Giants. Plants, dwarf and compact but flowers are gigantic, measuring  $3\frac{3}{4}$  to  $4\frac{1}{2}$  inches across. 52

Packet 50c

(See page 40 for other varieties)

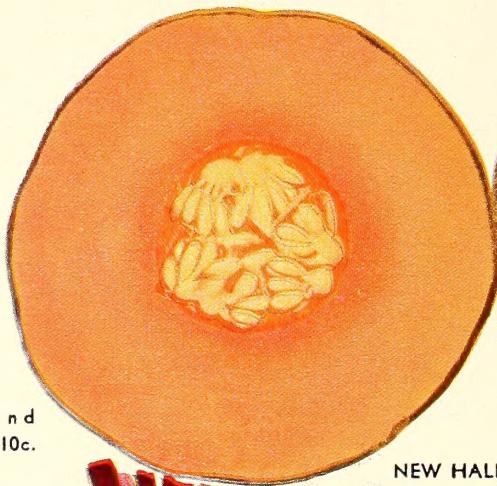


Dwarf Fringed  
Giant Mixed Pe-  
tunia. 50-

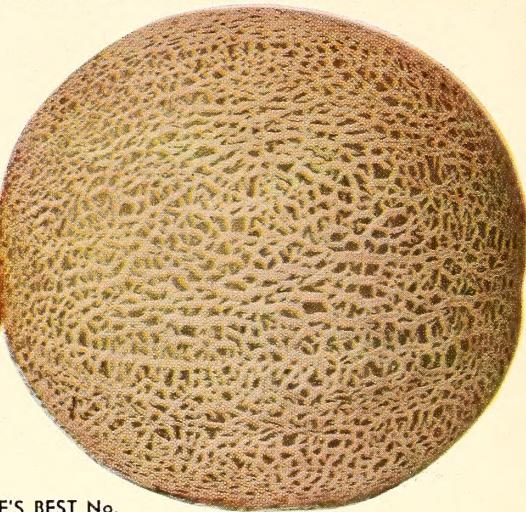
funia. 50c  
Pkt.

Pkt. ....  
(See page 41)

# P.-W.'s SPECIAL MERIT VEGETABLE NOVELTIES



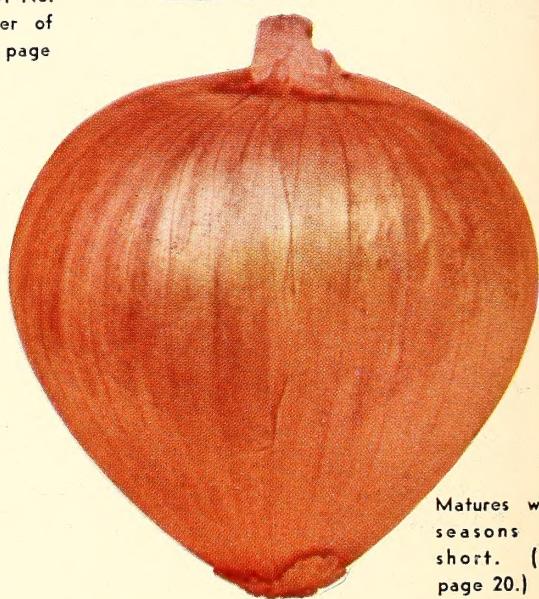
Luscious and Sweet. Pkt., 10c.



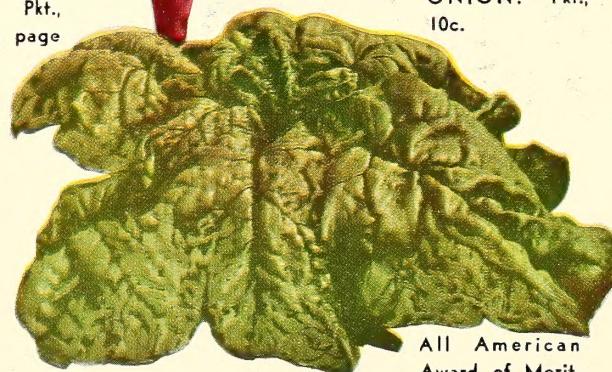
NEW HALE'S BEST No. 936 — "The peer of them all." (See page 18.)



New Table Beet — P.-W.'s BEST OF ALL. Pkt., 10c. (See page 8.)



P.-W.'s NEW EARLY YELLOW SWEET SPANISH ONION. Pkt., 10c.



NEW VIKING SPIN- ACH. Pkt., 10c.

## P.-W.'s Special Merit Vegetable Collection Offer No. 1

One packet each of the five splendid novelties on this page. Postpaid for

**35c**



P.-W.'s GOLDEN CROSS SWEET CORN. Pkt., 10c. (See page 14.)

Matures where seasons are short. (See page 20.)



# FOR MY PREMIUM

I Have Chosen the One Indicated by  
"X" Below as per Your Offer on Page  
I-A of Catalog.

(If order is from \$3.00 to \$5.00  
choose in this column.)

**(If order is from \$5.00 to \$9.00  
choose one in this column.)**

(If order is for over \$9.00  
choose one in this column.)

—A  
—B

—C  
—D

E  
F

10

10

—L  
—M

The following persons, I think, will likely purchase something in your line this year and would appreciate your Catalog:

## NAMES

## ADDRESSES

We will include some extra Seeds or Bulbs for above Courtesy.

Please indicate below by X, the free information leaflets desired:

Bulbs .....( ) Evergreen .....( ) House Plants....( ) Water Lilies -( ) Cauliflower -( )  
Fertilizers .....( ) Nursery Stock ....( ) Peonies .....( ) Asparagus -( ) Lettuce .....( )  
Flower Seeds ..( ) Lawn Making ....( ) Roses .....( ) Celery .....( ) Rhubarb .....( )  
Canna .....( ) Mush'r'n Culture ..( ) Rock Gardens ( ) Cabbage .....( ) Tomatoes ( )

# P.-W.'s GENEROUS PREMIUMS FOR EARLY ORDERS

We are offering the Free Premiums indicated below for our customers who will send in their orders early, just as soon as possible after receiving the catalog. By so doing it relieves our rush period because so many wait until they are actually ready to plant before ordering and generally all happen to come about the same time, making it very hard to give prompt service. Of course on perishable items of nursery stock, shipment will not be made until time to plant. Make your selection when you make up your order for doing us this good turn. These below apply on all amounts selected at regular catalog prices but do not apply on "Collection Offers" and those priced at Blue List Wholesale Rates.

## For Your Choosing

### FREE

If your order amounts to \$3.00 to \$5.00, you may select any one of the four free premiums below.

**A** 1 packet each Best for All Beet, Golden Cross Corn, New York Lettuce, Hales Best No. 936 Cantaloupe, Viking Spinach (value 45c).

**B** 1 packet each Improved Giant Sunshine Aster, Calendula Orange Shaggy, Godetia Duke of York (value 45c—see page 32).

**C** 3 bulbs each Betty Nuthall and Picardy Gladiolus (value 51c).

**D** 1 each Lambert Sweet Cherry and Bridal Wreath (value 60c). (This premium applies only on orders for nursery stock so it can be included without an extra shipment.)

### FREE

If your order amounts to \$5.00 to \$9.00, you may select any one of the four free premiums below.

**E** All of the items included in Premiums A and B.

**F** 3 bulbs each Betty Nuthall, Minuet, Gold Eagle, Paul Pfitzer, Mrs. H. E. Bothkin (value 90c—see page 58).

**G** 1 root each Grover Cleveland and Mons. Jules Elie (value \$1.00—see page 57).

**H** 1 each Lambert Cherry and Bartlett Pear (value \$1.00—see pages 86-88). This premium applies on nursery orders only so that extra packing and shipping expenses are unnecessary.

### FREE

If your order amounts to \$9.00 or more, you may select any one of the four free premiums below.

**J** 1 Vegetable Seed Collection No. 6 (value \$1.40—see page 32).

**K** 1 Flower Seed Collection No. 32 (value \$1.55—see page 32).

**L** 1 Collection of Gladiolus No. 58-B (value \$1.68—see page 58).

**M** 1 each Lambert Sweet Cherry, Bartlett Pear and Shotwell Delicious Apple (value \$1.65—see pages 86-88). This premium applies on nursery orders only where no extra packing and shipping expense is necessary.

## Attention Florists and Market Gardeners!!

If our 8-page "Blue List," of wholesale quantity prices, is not attached to this catalog—please write for it. Buying as you do in larger lots than those quoted regularly, you are entitled to this "Blue List" of wholesale prices.

### Suggestions About Ordering

The Order Sheet attached is for your convenience in sending in order. Extras will be gladly furnished on request.

Money should always accompany order. On small amounts we accept 2-cent postage stamps the same as cash. Goods wanted C.O.D. must have at least 25 per cent of the amount accompany the order. Patrons signing orders are requested to use prefix, Mr., Mrs. or Miss. Married ladies please invariably use husband's initials.

### Parcel Post Information

Most of the items in this catalog are prepaid, however, on those quoted f.o.b. Salt Lake City the following postal information will be helpful.

Zone	First lb.	Each lb.	Zone	First lb.	Each lb.
1st—Within 50 miles	8c	1-1/10c	5th—Within 600 to 1,000 miles	11c	5-3/10c
2nd—Within 50 to 150 miles	8c	1-1/10c	6th—Within 1,000 to 1,400 miles	12c	7c
3rd—Within 150 to 300 miles	9c	2c	7th—Within 1,400 to 1,800 miles	14c	9c
4th—Within 300 to 600 miles	10c	3-5/10c	8th—All over 1,800 miles	15c	11c

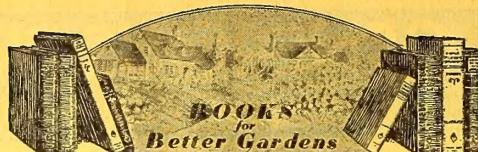
The Maximum Weight allowable in local and to the First, Second and Third zones is 70 pounds, and to all other zones is 50 pounds. The Size of the Parcel must not exceed 100 inches for combined length and girth.

### Subject Index

All the items are alphabetically arranged, as nearly as possible under the respective classifications which renders a detailed index unnecessary.

Bulbs and Roots	56-61	Shrubs, Deciduous	98-103	Dogs and Supplies	81
Climbing Vines	99	" Evergreen	90-93	Fertilizers	76-77
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" Flowering Perennial	46-53	" Evergreen	90-93	Inoculators	76
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" Garden	104-106	Water Lilies	54	Poultry Supplies	78-79
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" Flowers Perennial	46-53	Baby Chicks	78		
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# Books on Horticulture



## Gardening and Kindred Subjects

All Books Sent Postpaid at Prices Given

**Annuals in the Garden (By H. Stuart Ortloff)**—Contains full instructions for growing annuals. It also includes summer-flowering bulbs and biennials. Illustrated. Price, \$1.25.

**Book of Bulbs (Rockwell)**—All about dahlias and their use in your garden, how to plant, grow, harvest and store the tubers, how to propagate and hybridize. 65 illustrations, 80 pages. Price, \$1.25.

**Garden Guide (Amateur Gardener's Handbook)**—Tells how to plan, plant and maintain the home grounds, how to grow vegetables, fruits, flowers, etc. Price, \$2.45.

**How to Grow Roses (Pyle, McFarland and Stevens)**—A completely re-written edition of America's most popular rose book. 144 pages, 32 plates in full color, 32 half-tones, and other illustrations. Price, \$2.00.

**Around the Year in the Garden (F. F. Rockwell)**—Arranged in 52 chapters, each telling what to do in the garden every week of the year. 88 illustrations, 350 pages. Price, \$2.50.

**Evergreens for the Small Place (F. F. Rockwell)**—All the information you need to make the best use of evergreens. 84 pages, \$1.25.

**The Gardener (L. H. Bailey)**—Beginning with A and through to Z, this book tells how to plant and care for all the common flowers, vegetables and fruits from the time they are planted through to maturity. 116 illus., 260 pages. Price, \$2.00.

**The Garden Club Manual (Edith R. Fisher)**—Practical, tested information on every detail of the organization and management of garden clubs, including model constitutions, program suggestions, staging flower shows, civic improvement projects, and junior garden clubs. Price, \$2.00.

**Garden Pools! Large and Small (Ramsey and Lawrence)**—So complete and its illustrations are so numerous and practical that you can easily find the type of pool that fits in your garden and learn all about designing, planting and caring for it. 41 illus., 122 pages. Price, \$2.50.

**Gladiolus (F. F. Rockwell)**—It tells every detail needed for success with this popular flower. 45 illustrations, 79 pages. Price, \$1.25.

**Hortus (L. H. and Ethel Zoe Bailey)**—A concise dictionary of gardening, general horticulture and cultivated plants. THE BIGGEST BOOK BARGAIN OF THE YEAR. (Formerly \$10.00.) Now reduced to \$5.00.

**Perennial Gardens (By H. Stuart Ortloff)**—Directions for growing, plans and planting lists of almost every conceivable kind, each one of which was actually planted and brought into flower before being included in the book. Illustrated. Price, \$1.25.

**The Home Vegetable Garden (Freeman)**—Full details for planting and growing vegetables successfully. 214 pages. Price, \$1.75.

**Landscaping the Home Grounds (L. W. Ramsay)**—Step by step, with photographs and plans, this new book shows just how to develop your home grounds for greatest beauty. 175 illustrations, 170 pages. Price, \$2.00.

**Principles of Fruit Growing (L. H. Bailey)**—Practical information for growers of every kind of tree and bush fruits. 186 illustrations, 432 pages. Price, \$2.50.

**The Pruning Manual (L. H. Bailey)**—Instructions on just how and when to prune trees, shrubs, and vines. 381 illustrations, 400 pages. Price, \$2.50.

**Roses (F. F. Rockwell)**—Complete directions and culture, planting, propagation, protection from insects and diseases, and variety lists. 74 illustrations, 88 pages. Price, \$1.25.

**Shrubs (F. F. Rockwell)**—Information on what to select for different combinations and effects, and how to plant, water, mulch, prune and care for shrubs. 49 illustrations, 76 pages. Price, \$1.25.

## Useful Tables

Approximate number of feet of row per acre at given distances:

Distance between rows:	18 inches	24 inches	30 inches	36 inches	42 inches	48 inches
Feet of row:	29010	21758	17427	14526	12439	10853

### NUMBER OF TREES OR PLANTS REQUIRED PER ACRE

**RULE**—Multiply the distance in feet between the rows by the distance the plants are apart in the rows, and the product will be the number of square feet, for each plant or hill, which, divided into the number of square feet in an acre (43,560), will give the number of plants to the acre.

### TABLE OF DISTANCES FOR PLANTS REQUIRED PER ACRE

Apples, 30 to 40 ft. each way	Apricots, 20 to 25 ft. each way	Raspberries, 3 to 4 ft. each way
Pears, 20 to 30 ft. each way	Quinces, 15 ft. each way.	Strawberries, 1½ to 3 ft. each way
Cherries, 20 to 30 ft. each way	Walnuts, 40 to 50 ft. each way	Blackberries, 6 to 8 ft. each way
Plums, 20 to 30 ft. each way	Currants, 3 to 4 ft. each way	Gooseberries, 3 to 4 ft. each way
Peaches, 20 to 25 ft. each way	Grapes, 8 to 10 ft. each way	Grapes, 8 to 10 ft. each way

For General List of Orchard Trees See Pages 82-89

## Our Fall Bulb and Plant Catalog for Autumn 1936 Will Be Ready Next August

This catalog will be sent free without request to all who have given us orders within the last two years. To all others who are interested in receiving this book will you please send us your name and address? You may use the self-addressed envelope and order sheet in this book for that purpose should you not order anything this spring. A name of an interested friend or neighbor will be appreciated.

In the event you have no use for this Catalog No. 36 will you please hand it to some interested friend or neighbor? Thank you.

Sincerely yours for a better garden than ever,

Seed Trial Grounds  
and Nurseries  
Centerville, Utah

PORTER-WALTON COMPANY  
Salt Lake City, Utah

# PORTER-WALTON CO.

The Home of Mountain Grown Seeds, Shrubs and Trees

## RESPONSIBILITY and FAIR DEALING

31 Years of fair dealing and the largest source of supply in the Mountain states is back of every order from us. You are as near to us as your post office or express station. All delivery charges are prepaid by us unless otherwise specified.

If you are dissatisfied in any way with the results you have only to tell us and we will authorize you to select from our catalogue without cost whatever you wish equal to the amount you paid. Remember you are the sole judge. You must be satisfied.

Reference is given to any Bank or Commercial Agency, as to our financial responsibility.

## SAFE DELIVERY

and

## SATISFACTORY RESULTS

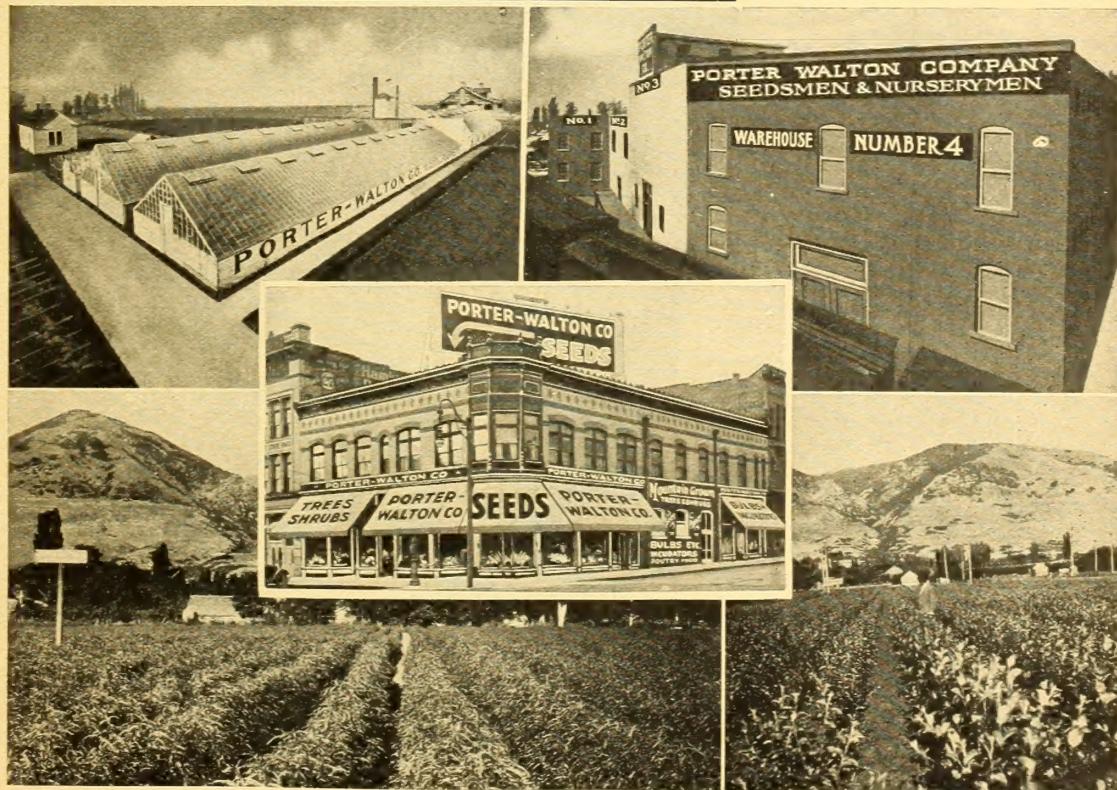
## GUARANTEED

You take absolutely  
no chances

## ABOUT CROP LIABILITY

We cannot assume any liability for the crop, as we cannot control the weather, soils, moisture, pests and other agents which make for success or failure. Also as long as the human element is involved in the handling of stocks we are compelled to sell, subject to the following disclaimer adopted by the American Seed Trade Association: "The Porter-Walton Company gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds or plants it sends out and will in no way be responsible for the crop. If the purchaser does not accept the goods on these terms they are to be returned at once."

P.-W. Co.



**Upper left**—Greenhouses at Centerville where germination tests are made. Soil tests to maturity are conducted here in "open ground trials."

**Lower left**—Peach trees at Centerville Nursery.

**Center**—General Offices, Store and Nursery Sales Yard at the Corner of Richards St., at First South.

**Upper right**—Buildings Nos. 1 and 2 provide frost and heat proof storage for Trees, Shrubs and Bulbs and Nos. 3 and 4 house modern seed cleaning machinery and storage for Vegetable, Flower and Farm Seeds.

**Lower right**—A mid-season snapshot of one-year-old Apple Trees at our Centerville Nursery.

# P-W'S MOUNTAIN GROWN SEEDS ARE SOLD BY 2000 INTERMOUNTAIN MERCHANTS

## You Can Buy P.-W.'s Seeds From Your Local Merchant

For the convenience of our patrons throughout the Intermountain States, Your Corner Groceryman, Hardware Merchant or General Store carries an assortment of P.-W.'s Mountain Grown Seeds. The accompanying cut shows one of our seed assortments. These seeds are put up from our choicest strains and are thoroughly dependable, having been tested at our Centerville Seed Laboratories and Trial Grounds. Go to your home dealer for

**LOOK FOR THE  
P-W DISPLAY  
IN YOUR STORE**

### P.-W.'s SEED NOVEL-TIES AND SPECIALTIES

On the pages that immediately follow, as well as on the Front Cover, we list some of the outstanding new or special strains of vegetables of the more recent introductions, as well as the worthwhile of the well-known varieties. Each year we test out at our Centerville Trial Grounds many varieties we gather from all parts of the world. Growing them as we do until maturity and side by side with well-known types, we are able to compare their merits as to their adaptability to our conditions of climate. In this process of elimination scores, of course, are discarded. Among those of special merit we select the best and pass them on to our customers. Those that we list we recommend and know that they are worthwhile.

**The right start to a successful Garden is to Plant**

**P-W'S  
MOUNTAIN GROWN  
SEEDS**

your supply of P.-W.'s Tested Seeds. But insist upon P.-W.'s Mountain-Grown Seeds and accept no substitutes. P.-W.'s are hardier and more productive, specially adapted to the Intermountain West as well as lower altitudes.

P.-W.'s Vegetable and Flower Seeds in sealed packets, sold by your local Merchant, are strictly fresh and of the same high quality and dependability as if you secured them direct from us.



**A Typical Display of P.-W.'s Seeds  
At Your Local Merchant's Store**

**WITH P.-W.'S THERE IS NO GUESSWORK—  
BY TEST THE BEST HAS BEEN SELECTED.**

You will find them in sealed packets at your neighborhood store. If your merchant does not have them, write us direct.

We are Regional Distributors for "Vigoro" the perfect plant food.



A Field of Famous Utah Celery in a Beautiful Mountain Valley

## PORTER-WALTON'S MOUNTAIN GROWN SEEDS AND PLANTS ARE FAMOUS FOR YIELD, QUALITY AND DEPENDABILITY.

### THE CLIMATE COUNTS

There's something about the high altitudes, the cool summer nights, the clear abundant sunshine and the bracing four-season climate that you will find in these fertile Utah

valleys that somehow makes the mountain-grown fruits, vegetables, flowers and other plants grow better.

### FROM DEEP SOILS

Through a period of thousands upon thousands of years the springs, freshets, creeks and rivers of these mountain areas have been washing the rich loamy soils from the Rocky Mountains into the basins of these fertile valleys, forming

deep rich deposits, hundreds of feet thick, of the most fertile soil on the face of the globe. From these soils are grown Porter-Walton's Mountain Grown seeds and plants.

### FAMOUS FOR FLAVOR

The following excerpt from a letter by a world-famous editor and journalist, Robert W. Davis, of New York City, is typical of the praise which is often given to the flavor and quality of Utah's fruits and vegetables: "To thank you for the most delicious celery that ever crossed my lips . . . Boy, boy . . . what

incomparable stuff it was. I've chawed celery around the world but nothing ever up to the standard of the Salt Lake article. If you would put that on the New York market you would put it on the world."

### HIGH YIELD PER ACRE

Generally speaking, Utah crops have a much higher yield per acre than the average of the United States. Take for instance, beans. The bean yield in Utah is 3.2 tons compared with 1.26 tons United States average. Many other crops are proportionately as high. From Porter-Walton's Mountain grown

seeds and plants you can reasonably expect higher yield, better quality and finer flavor. Mountain-grown seeds and plants are the peak of perfection. It will pay to plant them in your garden.

# MAKE A HOME GARDEN

## P.-W.'s Mountain-Grown Seeds

Vegetables right fresh from your own home garden! Until you have tasted such crispy, juicy, sweet flavors and fresh fruits and vegetables right from your own garden you will never know how good vegetables can be. They taste sweeter . . . they are better for you because they contain all of the body building vitamins and minerals . . . nothing has been eliminated. Besides, you save money and get healthful, invigorating exercise from a hobby that will add years to your life.

### Preparing the Soil

A rich sandy loam is well adapted to gardening. Other kinds of soil are suitable, but stiff clays need plenty of fibrous material and must be thoroughly broken up. Sandy soils generally need additional fertilizing.

When fertilizing is needed, well-rotted stable manure is always beneficial, but it should be supplemented by commercial fertilizer containing a good percentage of phosphate and potash. Wood ashes may be applied liberally to most soils. For general use where manure is not available, a commercial fertilizer containing 4 per cent nitrates, 12 per cent phosphate, and 4 to 6 per cent potash, is usually best. Apply at the rate of about 4 pounds to the square rod.

Work the soil deeply and make the top three or four inches as fine and loose as possible. Remember that much weed killing can be done by hoeing or raking just before planting. Do not work clay soils when they are wet enough to stick to hoe or spade.

### Planting

When planting seed, avoid disappointment and possible failure by means of: First—A constant and correct degree of moisture. The soil should always be moist, but never wet when avoidable. To retain moisture after planting, cover seed immediately with fine freshly prepared earth and press it down firmly and smoothly. This firming of the soil brings the particles of earth into close contact with the seeds, prevents drying out, and facilitates growth.

Second—The proper degree of heat. This is secured by planting when the atmospheric and soil temperatures are most favorable for germination of kind of seed that is to be planted. The best temperature for each sort may be learned from careful study of our cultural directions (see page 4) and by inquiry among the successful gardeners in your neighborhood.

Third—Covering the seed at the right depth. This varies with different kinds of seeds and conditions of the soil and can be learned only through practical experience.

Fourth—Proper condition of the soil. It must be loose and soft so that the tender stems of seedlings can easily emerge and the young roots quickly find plant food. This is usually secured by careful preparation of the soil and by not planting fine seeds when the ground is wet.

### Cultivating

Stirring the surface soil during the period of growth kills weeds, loosens the ground so as to encourage root development, allows the air to enter, and helps to conserve moisture. Cultivation may be deep at first, but as the plants grow it should be more shallow to avoid injury to the roots.

## Get Acquainted Garden Offer No. 4

1 pkt. Peas, Early	1 pkt. Kohl Rabi
1 pkt. Peas, Late	1 pkt. Leek
1 pkt. Beans, Green	1 pkt. Lettuce
1 pkt. Beans, Wax	1 pkt. Muskmelon
1 pkt. Beet	1 pkt. Watermelon
1 pkt. Cabbage	1 pkt. Onion
1 pkt. Cauliflower	1 pkt. Parsley
1 pkt. Carrot	1 pkt. Pepper
1 pkt. Celery	1 pkt. Pumpkin
1 pkt. Sweet Corn	1 pkt. Turnip
1 pkt. Cucumber	1 pkt. Radish, Long
1 pkt. Cress	1 pkt. Radish, Round
1 pkt. Egg Plant	1 pkt. Tomato

Above 26 Well Filled  
Packets

(Regular price \$1.60)

\$100  
Postpaid

### Starting Plants Indoors

Such vegetables as tomato, pepper, egg plant, and celery, and many of the flowers can be started indoors. Shallow wooden boxes three to four inches deep and convenient to handle are suitable for this purpose. Use rich, loose soil and plant the seed rows about two inches apart. Place the box in a well lighted window and keep the soil moist. As soon as the seedlings are a half inch tall, transplant to other boxes, setting them at least two inches apart each way. Give the plants plenty of sunlight and only moderate temperature so that they will not become spindly. Before setting in the garden, "harden off" the plants by placing the boxes outdoors on mild days, protecting them at night until they are able to stand the weather without injury.

**Hotbeds** You can gain time and have early vegetables at small cost by means of a hotbed. The construction is simple, and the expense so slight that any gardener can provide one for himself.

### Managing the Hotbed

In using a hotbed the essentials for success are:

1. Steady, uniform heat and moisture.
2. Keeping the soil a few degrees warmer than the air above it.
3. Careful "hardening off" before transplanting to the open air by gradual exposure to cooler temperature and by diminishing the supply of water.

The greatest difficulty in accomplishing these three essentials, probably, is overheating the air in bright sunshine. Great care and watchfulness will be necessary to avoid it.

Without experience one would scarcely believe how quickly the temperature in a well-built hotbed will rise to 90 or 100 degrees upon a still, sunny day, even when the temperature outside is far below freezing; or how quickly the temperature will fall to that outside, if upon a windy, cloudy day the sash is left open ever so little. A rush of cold air driven over the plants is far more injurious than the same temperature when the air is still. Again, in cloudy weather, a bed can go several days without watering, but will dry up in an hour when open on a sunny day.

### Transplanting

In transplanting, either outdoors or from the hotbed: Take care to avoid injury to the roots in taking up the plants.

Set plants out as soon as possible to prevent air from coming in contact with the roots.

Firm the soil around the plants so that they can take secure hold.

Provide shade to keep the hot sun from withering and blighting the leaves.

### Watering

The best hours of the day to water plants are early morning or evening. The roots, however, may be watered at any time. One good soaking is better than many light sprinklings.

### Cold-Frame

A cold-frame is a simple construction of boards for wintering young plants, such as cabbage, lettuce, cauliflower, etc.; it is also useful to protect and harden off plants from the greenhouse or hotbed before fully exposing them in the open air.

Select a dry southern exposure and make a frame from four to six feet wide and as long as required. The back should be fourteen to eighteen inches high and the front eight to twelve, with a cross-tie every three feet. The frame may be covered with sash or cloth. Seeds of the vegetables to be wintered, sown in the open border early in September, will be ready to plant in cold-frames about the last of October. The soil should be well prepared and smoothly raked before planting. Admit air freely on pleasant days, but keep the frame closed in severe weather.

# AND HOW TO DO IT

## PLANTING CHART FOR P.-W.'s VEGETABLE SEEDS

Variety	Seed for 100 ft. Row	* Seed for 1 Acre	† Depth to Plant	§ Put Rows Apart	§ Leave Plants Apart in Row	‡ Time to Sow
ARTICHOKE (Globe)	3 pkts.	12 oz. T.	1 in.	4 ft.	3 ft.	Early Spring
" Plants "	33 plants	3000 Plants		4 ft.	3 ft.	Spring
" (Jerusalem)	3 lbs.	300 lbs.	3 in.	3 ft.	2 ft.	Spring
ASPARAGUS (Seed)	2 oz.	2 lbs. T.	1 in.	1 ft.	3-5 in.	Early Spring
" (Plants)	50 plants	1500-2500	4 in.	2-5 ft.	1 ft.	Early Spring
BEANS, Bush	1 lb.	60 lbs.	1-2 in.	18 in.	3-4 in.	Late Spring
" Pole	8 oz.	40 lbs.	1-2 in.	4 ft.	4 ft. hills	Late Spring
BEETS, Table	2 oz.	5 lbs.	3/4-2 in.	12 in.	2-4 in.	Spring (S)
" Mangold	2 oz.	8 lbs.	2 in.	18 in.	8 in.	Spring
BROCCOLI	1 pkt.	5 oz. T.	1/2 in.	24 in.	12-18 in.	Spring
BRUSSELS SPROUTS	2 pkts.	8 oz. T.	1/2 in.	24 in.	16-24 in.	Early Spring
CABBAGE	2 pkts.	8 oz. T.	1/2 in.	24 in.	12-18 in.	Early Spring
CARROT	1 oz.	4 lbs.	1/2-3/4 in.	12 in.	3 in.	Spring
CAULIFLOWER	1 pkt.	4 oz. T.	1/4 in.	30 in.	24 in.	Spring
CELERY	2 pkts.	4 oz. T.	1/8 in.	20 in.	6 in.	Spring
CHERVIL	1 oz.	2 lbs.	3/4 in.	18 in.	3-4 in.	Early Spring
CHICORY	1 pkt.	4 lbs.	1/2 in.	18 in.	2-4 in.	Early Spring
CORN SALAD	3 oz.	3 lbs.	1/2 in.	12 in.	2 in.	Early Spring
CORN	1 pkt.	10 lbs.	1-2 in.	24 in.	24 in. hills	Late Spring (S)
CRESS	1/2 oz.	3 lbs.	1-2 in.	12 in.	4 in.	Early Spring (S)
CUCUMBER	2 pkts.	3 lbs.	1 in.	12 in.	4 ft. hills	Late Spring
EGG PLANT	1 pkt.	4 oz. T.	1/4 in.	24 in.	24 in.	Early Spring (H)
ENDIVE	1/2 oz.	4 oz. T.	1/2-1 in.	18 in.	8-10 in.	Spring
HORSE RADISH	70 roots	10,000	4 in.	30 in.	14 in.	Spring
KALE	1 pkt.	2 lbs.	1/2 in.	30 in.	18 in.	Spring
KOHL RABI	1 pkt.	4 lbs.	1/2 in.	18 in.	4-6 in.	Early Spring
LEEK	1/2 oz.	4 lbs.	1/2 in.	12 in.	4 in.	Early Spring
LETTUCE	3 pkts.	4 lbs.	3/4 in.	18 in.	4-6 in.	Early and Late Spring
MELONS, Musk	3 pkts.	3 lbs.	1-2 in.	5 ft. hills.	5 ft.	Late Spring
" Water	1 oz.	4 lbs.	1-2 in.	8-10 ft. hills	8-10 ft.	Early Spring
MUSTARD	1 pkt.	2-3 lbs.	1/4 in.	12 in.	3 in.	Spring
OKRA	2 oz.	8 lbs.	1 in.	3 ft.	24 in.	Late Spring
ONION	1 oz.	4 lbs.	1/2 in.	12 in.	4 in.	Early Spring
" Sets	2 lbs.	300 lbs.	1 in.	12 in.	4 in.	Early Spring
PARSLEY	1 pkt.	6 lbs.	1/8 in.	12 in.	4 in.	Spring
PARSNIP	2 pkts.	5 lbs.	1/4-1/2 in.	15 in.	5 in.	Early Spring
PEAS	2 lbs.	60-125 lbs.	2-4 in.	14 in.	3 in.	Early Spring (S)
PEPPER	1 pkt.	8 oz. T.	1/4 in.	24 in.	18 in.	Early Spring (H)
POTATO, Irish	10 lbs.	1,000 lbs.	4-8 in.	24 in.	12 in. hills	Spring
" Sweet	75 slips	9,680 pits. T.	3 in.	24 in.	12 in.	Late Spring
PUMPKIN	2 pkts.	3 or 4 lbs.	1-2 in.	6 ft. hills.	6 ft.	Late Spring
RADISH	2 ozs.	10 lbs.	1/2 in.	12 in.	1 or 1 1/2 in.	Spring (S)
RHUBARB	1/2 oz.	1 lb.	1/2 in.	12 in.	4 in.	Spring
" Roots	33 plants	2,420	3-4 in.	4 ft.	3 ft.	Early Spring
SALSIFY	2 oz.	8 lbs.	1/2-1 in.	12 in.	2 in.	Early Spring (S)
SPINACH	1 oz.	10 lbs.	1/2-1 in.	12 in.	3-4 in.	Early Spring and Fall
SQUASH	2 pkts.	2-3 lbs.	1-2 in.	6 ft. hills.	6 ft.	Late Spring
TOMATO	1 pkt.	2 oz. T.	1/4-1/2 in.	4 ft. hills.	4 ft. hills	Early Spring (H)
TURNIP	3 pkts.	3 lbs.	1/4-1/2 in.	12 in.	4 in.	Spring (S)

The terms used in this column are defined as follows:

\* "T." placed in the column is to mark those sorts which are usually sown in beds and later transplanted to the garden and always transplanted to the field.

For last planting of Beans, Sweet Corn, Peas and Radishes, or even Tomatoes, take the earliest varieties.

Late sowings of Salsify are intended to remain undisturbed over winter.

§ The usual distances are here given and the planter must use his judgment for his particular case. Where garden cultivation is by wheel hoe and ample room is available, a greater distance is better employed. If the patch will be cultivated by horse, leave a greater distance between rows.

† The Depth at which to plant seed cannot be given more than approximately because it varies so much with the condition of the moisture in the soil and the time of the year. All seeds must have air, moisture and heat to germinate.

‡ "Early Spring," means as soon as buds in the trees begin to swell and the ground can be worked into gardening condition.

"Spring" refers to those vegetables which are not so hardy as above, and which are usually planted later because they do so much better planted later.

"Late Spring," is the time of year

when the ground is well warmed and all frosts are passed.

(H) means plant in hotbed and transplant to open ground later.

(S) placed in this column means that those are grown for succession.



"The Home Garden"—Interesting - Invigorating - Health Giving



New Mary Washington

### Brussels Sprouts

Cultural directions same as cabbage.  
**Imported Long Island Dwarf**—Pkt., 10c; oz., 20c; 1/4 lb., 75c; lb., \$2.00, postpaid.

### Broccoli

**Italian Green Sprouting**—A plant of the cauliflower family. The flavor is delicate and delicious. Pkt., 10c; oz., 50c; 1/4 lb., \$1.50; lb., \$4.50.

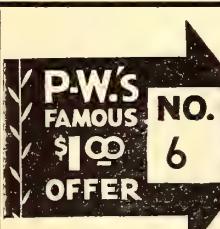
### Chives

(Allium Schoenoprasum)  
An onion-like plant used as a salad and for flavoring soups. One sowing will answer for about three years. Pkt., 10c; 1/4 oz., 25c; oz., 75c. **Plants**: 20c per bunch; two for 35c, postpaid. Not prepaid, 15c each; \$1.50 per dozen.

### Chicory

Sow seed the same as late cabbage plants. One ounce will produce about 3,000 plants.

**Large Rooted or Coffee**—Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$1.75, postpaid.



Consists of one package each:

#### Cabbage—

Golden

Acme

#### Brussel Sprouts—

Long Island

#### Beans—

Stringless

Green Pod,

Black Wax

and Bush

Lima

(Reg.

Value

\$1.40)

\$1  
Postpaid

#### Beet—

P.W.'s Best Swiss Chard—  
for All Lucullus

#### Carrot—

Imperator Lettuce—

#### Onion—

White Sweet Spinach—

Spanish

Radishes—

Sparkler and Cucumber—

White Icicle

Turnip—

Purple Top

Globe

# HAVE AN ASPARAGUS BED OF YOUR OWN

In every yard there is room for some asparagus, just a few square feet are needed, or along a fence row, or in front of shed. P.-W.'s asparagus will give you fresh asparagus for almost three months and how good home grown asparagus tastes and as it is so rich in minerals and vitamines it is very healthful. Don't put it off. Plant this spring.

For private garden use, set in rows two feet apart and the plants about a foot apart in the row, with crowns four inches below the surface, and spread the roots. For field culture, the rows should be six feet apart and two feet apart in the rows.

**P.-W.'s Early Giant Argenteuil** Grows to a large size, free from rust, superb flavor. Locally a favorite for canning. Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., 75c, postpaid.

**New Mary Washington** This is a new development rust resistant variety. It comes into market earlier and has all the rust resistant qualities of the old type. The advantage of earliness is, of course, a very great one for all market growers. The shoots are large size, excellent quality, deep rich green color with a trifle purple tint at the tips. Pkt., 5c; oz., 10c; 1/4 lb., 35c; lb., \$1.00, postpaid.

### Asparagus Roots

**Two-year-old roots of either P.-W.'s Giant Argenteuil or Mary Washington**—35c per doz.; \$1.50 per 100, postpaid. Not prepaid, \$1.25 per 100; \$10.00 per 1000.

### Artichoke

Artichokes are cultivated for the edible bud that resembles the giant thistle. With slight winter protection they will remain bearing three or four years.

**Large Green Globe**—Pkt., 10c; oz., 40c; 1/4 lb., \$1.25; lb., \$4.00, postpaid.

**Jerusalem (Tuberous Rooted)**—For hog pasture. When once established it is hard to kill out. Lb., 20c; 10 lbs., \$1.50, postpaid. Not prepaid, 100 lbs., \$8.50.

### Collards

Sow seeds early in the spring in drills two or two and one-half feet apart, for either garden or field culture. When plants are sufficiently large, thin to six inches apart in the row.

**Creole or Southern**—Cabbage, Greens, used as a substitute for cabbage in the south. Pkt., 5c; oz., 10c; 1/4 lb., 35c; lb., \$1.20, prepaid.

### Corn Salad

Sow in spring in drills a foot apart; it will mature in six or eight weeks. For winter and early spring use, sow in drills in August or September. Three ounces to 100 feet of drill. Large seeded.

**Broad Leaved**—Pkt., 10c; oz., 20c; 1/4 lb., 60c, postpaid.

BY MEANS OF  
OUR TRIAL  
GROUNDS  
WE SELECT  
THE BEST

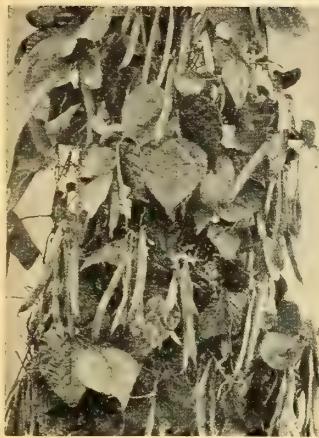
**Great Northern**—Similar to **White Navy**, a little more elongated and larger. Pkt., 10c; lb., 15c, postpaid.  
**Pink Eye**—Large white with pink spot at center. Pkt., 10c; lb., 20c; postpaid.  
**White Navy**—The well known small white. Boston baking bean. Pkt., 10c; lb., 20c, postpaid. Not prepaid, 10 lbs., \$1.00; 100 lbs., \$8.50.  
**English or Broad Windsor**—Immense size; known as the horse bean. Pkt., 10c; lb., 35c, postpaid. Not prepaid, 10 lbs., \$2.50.  
**Mexican Red**—Valuable for making "Chili." Pkt., 10c; lb., 20c, postpaid.

Inoculate Beans. Helps make a bigger crop and improves the soil. See McQueen Inoculator.



Brussels Sprouts

# BEANS Stringless and Tender



Kentucky Wonder (Old Homestead)

**Culture**—Beans are somewhat tender, but it often pays to take some risks. Plant in warm, loamy soil at the beginning of settled, warm weather in spring, and at intervals for succession until August. Rows may be made 2 feet apart, and the beans planted a few inches apart in the drills, or 3 or 4 beans in hills, 6 to 8 inches apart. One pound will sow 100 feet of drill, 60 lbs. per acre.

**IT IS NOT GENERALLY KNOWN THAT**—When your bush varieties of string beans have borne a crop don't pull them up but as soon as you have finished the last picking, cut the bush off about six inches above the ground. A new growth will appear and in a remarkably short time bear another crop of beans. The same is true of Fordhook Limas.

## Green Podded Varieties

### P.-W.'s New Stringless Green Pod

This will be a very highly desirable variety for both truckers and canners. It is quite similar to Full Measure but is much hardier and a more dependable cropper, very productive. Pods are nearly straight, six to six and one-half inches long, three-eighths inch wide, dark green, round, meaty and succulent, absolutely stringless. Average time from planting to date of picking is 53 days.

### P.-W.'s Improved Black Valentine

The earliest of the green podded bush beans. Well adapted for market garden use and for early shipping. Plants large, erect, and prolific; attractive oval pods nearly straight, dark green, entirely stringless and delicate flavor. It retains its color and texture in shipping a long distance. Seeds are oval and solid black. The average length of time from planting to picking is 49 days.

**Full Measure** (Bush Kentucky Wonder)—A stringless Round Green Pod. The average length of time from planting to picking is 49 days.

**Giant Stringless Green Pod**—An immense type of "Improved Early Valentine."

**Burpee's Stringless Green Pod**—Unexcelled for canning. A standard everywhere.

**PRICE (Any of above varieties)**—Pkt., 10c; 1b., 35c; 5 lbs., \$1.50. Write for quantity prices.

## YELLOW PODDED VARIETIES

### P.-W.'s Improved Pencil Pod

The best for the home gardener or for nearby markets; extremely productive, bearing magnificent straight, pencil-shaped pods, six to seven inches in length, of a rich golden-yellow color; beautifully rounded, meaty, fresh, brittle, solid and entirely stringless.

**Prolific Dwarf Black Wax**—The pods are quite round, very fleshy, crisp, tender and stringless, a prodigious yielder.

**Improved Rust-Proof Golden Wax**—Early productive; pods are long, nearly straight, broad, flat, very fleshy; good snap bean.

**PRICE (Any of above)**—Pkt., 10c; 1/2 lb., 20c; 1b., 35c; 5 lbs., \$1.50. Not prepaid 10-25 lb. lots 20c per lb.; on all varieties of both Green and Yellow Podded Bush Beans write for quantity prices.

## Pole and Running Beans

These beans require a pole or trellis to climb on, if planted in the garden, although if raised in the open field they need no support whatever. One pound will plant about 75 to 100 hills.

**Kentucky Wonder or Homestead**—The pods are very thick, meaty and deeply saddle-backed and entirely stringless. The best for all purposes. Pkt., 10c; 1/2 lb., 15c; 1b., 30c, postpaid.

**Lazy Wife**—Pods grown in abundance, about 6 inches in length, broad, thick and fleshy. Pkt., 10c; 1/2 lb., 15c; 1b., 30c, postpaid.

**Pole Lima (King of the Garden)**—Pods large, straight and handsome. The pods frequently contain five or six very large beans. These beans are of excellent quality, easily shelled. Pkt., 10c; 1/2 lb., 20c; 1b., 35c, postpaid.

**Scarlet Runner**—Old-fashioned climber, has a bright scarlet pea-like flower. Pkt., 10c; 1/2 lb., 20c; 1b., 35c, postpaid.



P.-W.'s New Stringless Green

## DWARF LIMAS

**Fordhook Bush Lima**—Grows very erect, does not come in contact with the ground; tender, sweet and juicy; a richly palatable bean.

**Burpee's Improved Bush Lima**—Our trials show this to be the earliest maturing of all the large-seeded Limas, and best for all purposes.

**Henderson's Bush (or Dwarf Sieva)**—Known as "Butter Bean." It is one of the earliest dwarf sorts.

**Prices on all the above**—Pkt., 10c; 1/2 lb., 20c; 1b., 35c; 5 lbs., \$1.50, postpaid. Not prepaid 10-25 lb. lots 20c per lb.

**Write for quantity prices.**



P.-W.'s Imp. Pencil Pod

## Home Garden Beans

### Spec. Offer No. 7

1 lb. P.-W.'s Stringless Green Pod  
1 lb. P.-W.'s Improved Pencil Pod  
1 lb. Fordhook Bush Limas  
2 pkts. Ky. Wonder Pole Beans

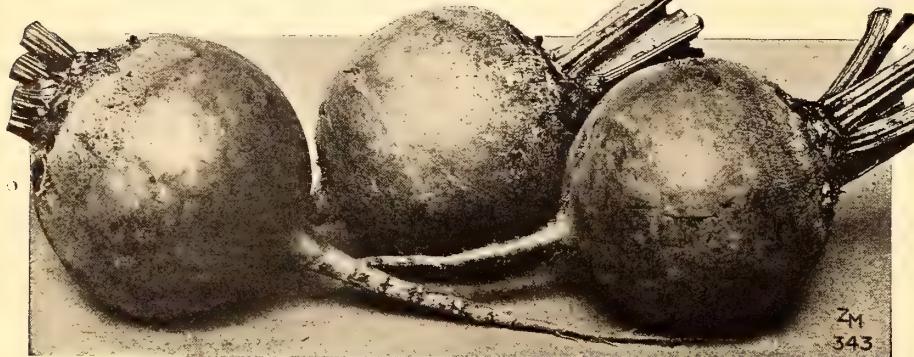
ALL FOR  
(Reg. Value  
\$1.25)

\$100  
Postpaid

# TABLE BEETS

## Rich in Vitamins

One Ounce 50 Feet; 4-6 Lbs. Per Acre



**Culture** The soil best suited for beet culture is that which is rather light and well enriched. Sow in drills one foot apart and one inch deep as early as the ground can be worked. Sowing should be made for succession at least once a month up to the first of July, then making a large sowing to produce well grown roots for winter use.

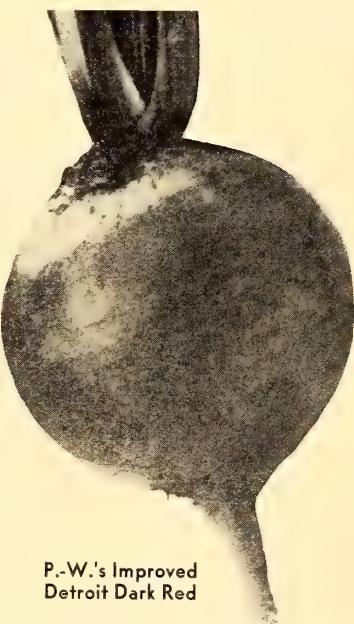
**P.-W.'s Detroit Dark Red** Tops small, upright growing, so that the rows may be close together; leaves, stems and vines dark red, blades green; roots globular or ovoid, peculiarly smooth; color of skin blood-red, flesh bright red zoned with a lighter shade, very crisp, tender and sweet and remaining so for a long time. Pkt., 5c; oz., 10c; 1/4 lb., 35c; lb. \$1.10, postpaid.

**P.-W.'s Early Wonder** (See above cut) — new introduction is the earliest of the table varieties. It is globe shape and very uniform in size, skin smooth, flesh a deep blood-red. Pkt., 5c; oz., 10c; 1/4 lb., 35c; lb. \$1.10, postpaid.

**BEET ROOT**, raw, contains fat soluble A, and water soluble B and water soluble C.

**BEET JUICE**, contains small amount of water soluble B and C.

Beets make excellent greens. Plant them thick and thin out for this purpose. For succession sow at least every month until July, then plant liberally for winter use.



P.-W.'s Improved Detroit Dark Red

**P.-W.'s Best for All** 52 to 55 days. An excellent new variety developed from Detroit Dark Red. Especially fine for canning and pickling whole at 1 1/4 to 1 1/2 inches in diameter. Roots smooth, even in size and shape, and almost perfectly globular; collar and tap-roots very small; interior deep crimson, free from white zones. Pkt., 10c; oz., 15c; 1/4 lb., 40c; lb., \$1.25, postpaid. (See Novelty, Front Cover.)

P.-W.'s Early Wonder

## Beets — Other Good Varieties

**P.-W.'s Dark Leaved Globe.** Leaves are deep green, stems and veins of the darkest red. The roots are uniformly globular, deep blood-red.

**Crosby Egyptian.** Very early globe-shaped.

**Extra Early Egyptian.** Popular early forcing.

**Imp. Blood Turnip.** Very regular, deep blood-red.

**Any of above, except where noted** — Pkt., 5c; oz., 10c; 1/4 lb., 35c; lb., \$1.00, postpaid.

## Offer No. 8

P.-W.'s SPECIAL COLLECTION FOR GREENS AND PICKLES

2 oz. P.-W.'s Best for All  
1 oz. P.-W.'s Early Wonder Beet  
1 oz. Detroit Dark Red Beet  
1 oz. Swiss Chard Lucullus  
1 oz. Swiss Chard Fordhook

All For

(Regular Value 75c)

**50c**  
Postpaid

## Swiss Chard (Spinach Beet)

(*The City Man's Garden.*) This vegetable gives maximum returns for minimum space. Sow early in spring, in rows sixteen inches apart, and thin out to six inches apart in the rows.

**Fordhook Giant** — Enormous rich blue-green leaves are crinkled or savoyed, excellent prepared like Asparagus. Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., \$1.00, postpaid.

**Lucullus Swiss Chard.** A new moss curled sort. The leaves are very large and tender and may be cut continuously from June until frost; cooked and eaten the same as spinach. Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., \$1.00, postpaid.

Swiss Chard is as easy to grow as Beets and replaces Spinach during the hot weather. Swiss Chard contains fat soluble A and water soluble B.



Swiss Chard

# Plant CARROTS For Table Use

**CULTURE**—Sow at any time in spring in deep, loose soil, preferably sandy loam, about one-half inch deep, in rows eighteen inches apart and thin to three inches apart. Water freely at all times. One ounce, 150 feet of row, 4-6 lbs. per acre.

**P.-W.'s Imperator** This new introduction is an outstanding type bred especially for market garden use and for shipping. Flesh is rich orange, this color extending to the very center of the root, with an indistinct core. Fine grained, tender, and of excellent quality. Average length of roots seven to eight and one-half inches, diameter from one and three-fourths to two inches. It requires about 77 days from planting until Carrots are bunching size. This new development will meet every demand for a better shipping Carrot. Pkt., 5c; oz., 15c; 1/4 lb., 35c; lb., \$1.00, postpaid.

**P.-W.'s Red Cored Chantenay** This is an improved Chantenay, being a selection from that very popular type for its attractive interior color which is a valuable item especially for market gardeners. The roots are the same size and shape and possess the good shipping quality of the standard Chantenay. The flesh is reddish orange with a very indistinct core nearly the same color as the flesh. Very tender and sweet. 70 days from planting until Carrots are of bunching size. Pkt., 5c; oz., 10c; 1/4 lb., 35c; lb., \$1.00, postpaid.

## Other Good Varieties

**Danvers Half Long**—An old, popular variety and in the past the most largely used, not only for stock raising, but for table use as well. Color is a bright orange scarlet; is very heavy cropper. Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., 90c, postpaid.

**California Bunching**—Tops short; foliage rather coarsely cut and stems medium size and strong. Roots at maturity are 1 1/4 by 1 1/2 by 8 inches in size, almost cylindrical with rounded shoulders, and are well stumped. Pkt., 5c; oz., 15c; 1/4 lb., 30c; lb., \$1.00.

**Oxheart (Guerand)**—Smooth, handsome, thick and blunt-rooted, about 6 inches long, a rapid grower and of fine quality; color, orange-red; a good all-season carrot. Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., 85c, postpaid.

**P.-W.'s Improved Nantes**—Bright colored, very early, sweet, good flavor. Price: Pkt., 5c; oz., 10c; 1/4 lb., 35c; 1 lb., \$1.00, postpaid.

CARROTS, raw, contain vitamin fat soluble A, water soluble B and water soluble C.

Ask for Quantity Prices on All Varieties of Carrots

Have a supply of Vegetable Seeds on hand to replace the varieties used up. Beans, Beets, Lettuce, Radish and Spinach are all suitable for filling in. Keep your garden producing for you.



P.-W.'s New Imperator

## Special Offer No. 9-A

### ALL YEAR CARROTS FOR FAMILY GARDEN

1 oz. Red Cored Chantenay  
2 oz. P.-W.'s Imperator  
1 oz. P.-W.'s Imp. Nantes  
1 oz. California Bunching  
1 oz. Oxheart  
(Regular Value 75c)

All Postpaid for

**50c**

## CARROTS For Stock Feeding

**Wise Farmers and Stockmen will devote a liberal acreage to this crop.**  
**CULTURE**—Sow in drills far enough apart for horse cultivator and thin out in row to five to six inches. Requires about four pounds of seed per acre.

Carrots are greatly valued as an extremely palatable, highly nutritious, and wholesome food for all kinds of stock and are greedily eaten by them. Many of the table varieties of Carrots are grown extensively for this purpose and they impart a beautiful butter-yellow color to the milk if fed to cows.

**Improved Long Orange** A well-known standard sort, roots long, thick near the crown, tapering regularly to a point; color deep orange. Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 75c; 10 lbs., \$6.50, postpaid.

**Mastodon**. Very productive, large white. Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 75c; 10 lbs., \$6.50, postpaid.

**Improved Short White**. This is the best and most productive for stock feeding. Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 75c; 10 lbs., \$6.50, postpaid.

Write for Quantity Prices

## Special Offer No. 9-B

### HALF ACRE OF STOCK CARROTS

Consists of

1 lb. Imp. Long Orange  
1/4 lb. Mastodon  
1/4 lb. Imp. Short White  
(Reg. Value \$1.25)

All for

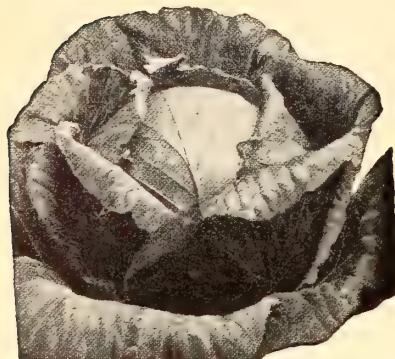
**\$100**

Postpaid



P.-W.'s Red Cored Chantenay

# CABBAGE For All Seasons



Copenhagen Market

**Culture**—Cabbage does best in rich, moist, well prepared soil; extra care should be taken in working it deeply as most varieties of cabbage do not thrive in shallow soils. For the early varieties in the mountain states and similar climatic conditions sow in hotbeds in the late winter or very early in spring and transplant to the open ground as soon as ground can be worked. Don't neglect to "harden the plants off" before transplanting and see to it that they are not so thick in the beds as to make them spiny. In transplanting to the open ground set in rows 18 to 24 inches apart and 12 to 18 inches between plants in the row. For field cultivation three feet between rows would be better. One ounce 1500 plants; half-pound to transplant an acre.

**About pests**—If bothered with cabbage worms, use P.-W.'s Nico Dust, and for cabbage louse or aphis, Black Leaf 40 is effective.

As with all other seeds, our selections of cabbage stocks are positively from the best sources of supply, and the best strains obtainable, as proven by test.

60 Day  
Cabbage



"P.-W.'s  
Golden  
Acre"

**Copenhagen Market** Best second Early. Matures in 70 days. The plants are short stemmed, heads uniformly large, round, solid and of excellent quality. The light green leaves are medium in size, saucer shaped and are always tightly folded; the plants may, therefore, be set closer than most other early varieties. It is a vigorous grower and yelders, and an excellent keeper. Pkt., 10c; oz., 30c; 1/4 lb., 85c; lb., \$2.50, prepaid.

**P.-W.'s Golden Acre Cabbage** This new, early, round-headed cabbage which closely resembles Copenhagen Market in type. As its name implies, it is a money-maker. It is 8 to 10 days earlier than Copenhagen Market but is smaller and can be planted closer. Because of its earliness and fine quality it commands a higher price than any round-headed cabbage. Matures in 60 days. Pkt., 10c; 1/2 oz., 20c; oz., 35c; 1/4 lb., \$1.00; lb., \$3.25, postpaid.

**P.-W.'s Early Jersey Wakefield** Marketed in 65 days. The entire crop can be marketed very early, grows very compact with nearly oval, deep green leaves. Short stem, medium size, very solid, pointed heads of excellent quality. Undoubtedly the best extra early pointed headed cabbage, Pkt., 10c; oz., 30c; 1/4 lb., 85c; lb., \$2.50, postpaid.

**CABBAGE, fresh cooked, contains fat soluble A, water soluble B and water soluble C.**

**CABBAGE, raw, contains fat soluble A, water soluble B and water soluble C.**



P.-W.'s Early Jersey Wakefield

## Other Good Varieties

**Glory of Enkhuiizen**—An early, globe-shape, medium size sure heading and a splendid keeper. Matures in 80 days. Pkt., 10c; oz., 25c; 1/4 lb., 75c; lb., \$2.25.

**Danish Ball Head**—Tall Stem, choice commercial grade. Pkt., 10c; oz., 25c; 1/4 lb., 60c; lb., \$2.00.

**Danish Round Head**—Pkt., 10c; oz., 25c; 1/4 lb., 75c; lb., \$2.25, postpaid.

**Premium Late Flat Dutch**—Pkt., 10c; oz., 25c; 1/4 lb., 75c; lb., \$2.50.

**Winnigstadt**—Sure to head regular, conical shape, every hard and hardy, a good keeper. Pkt., 10c; oz., 25c; 1/4 lb., 75c; lb., \$2.25, postpaid. Write for quantity prices.

## Cabbage Plants

Strong, vigorous, well hardened transplanted plants of P.-W.'s Early Jersey Wakefield, P.-W.'s Golden Acre, Danish Ball Head (short-stemmed), and Copenhagen Market. They are ready in April and May. Price, 20c per doz.; 70c per 100, postpaid. Ask for quantity prices on field grown not transplanted plants for May and June delivery.

## Offer No. 10

### CABBAGE

Through the Year

- 1 oz. Copenhagen Market.
- 1 oz. Danish Round.
- 1 oz. Savoy Perfection Drumhead.
- 1 oz. Zwaan's New Strain Hollander.
- 1 oz. Golden acre

**\$1.00**

(Regular value,  
\$1.50)

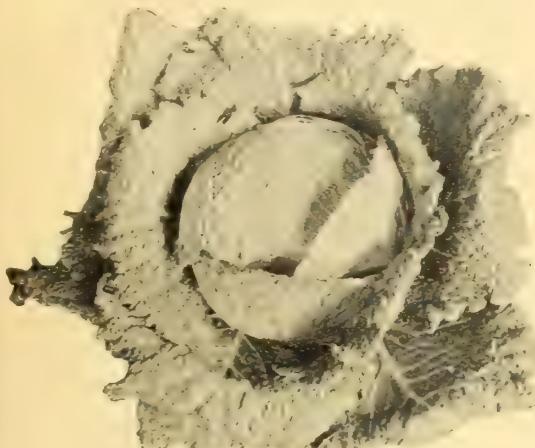


# Grow P-W's Selected CABBAGE

## P.-W.'s Danish Ball Head (or Hollander)

**Strain.** This is "Zwaan's Special Selection" from the famous Hollander strain. It is sure to head, vigorous, a wonderful producer, and in every way far superior to the usual commercial stocks. The large heads are nearly round, extremely solid and more compact in growth than the standard strain. Quite distinct. We consider this selection as the best of all Ball-Head types. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 85c; 1 lb., \$3.00, postpaid.

Write for Quantity Prices.



Perfection Drumhead (Savoy)

## Chinese Cabbage

### Cheap Green Feed for Poultry

The wonderful green for poultry which has been known to yield three tons in a space 40x60 feet. You can't beat this for **Cheap Green Feed**. A half pound Chinese Cabbage seed will furnish enough greens to feed about 1000 hens for 4 months and 3 pounds to an acre for 6,000 hens for 4 months. Sow seed any time through the year in rows a half inch deep and 24 inches apart, allowing about 2 inches between the seeds. Cultivate and irrigate ground well. **Do not allow ground to dry out.** 1 oz. sows 100 ft. of row, 3 lbs. per acre.

**Pe-Tsai** Produces 5 to 7-pound heads in sixty days. It has large outside leaves with a yellow striped color and the inside leaves grow round, more like the Cos-lettuce. The heart is pure white, tender, sweet, and crisp. The young leaves are very popular for use in salad. It is hardy and will keep until early spring if placed in the cellar. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50, postpaid.

**Wong Bok** Heads are about six inches shorter than Pe-Tsai, averaging from nine to eleven inches. Price: Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 65c; 1 lb., \$2.00, postpaid.

**Chinese Cabbage** is a real "find" for poultry men and a wholesome vegetable either cooked or raw for the table.

### Offer No. 11

#### CHINESE CABBAGE

Special for Poultrymen

#### CHEAP GREEN FEED

$\frac{1}{4}$  lb. Wong Bok

$\frac{1}{4}$  lb. Pe-Tsai

Prepaid for

(Regular value \$1.40) **\$1.00**

P-W'S  
FAMOUS  
\$1.00  
OFFER

NO.  
11



P.-W.'s Danish Ball Head

## Savoy Cabbage

**Perfection Drumhead** This is the best of the Savoy types for general use. It is an excellent keeper. Heads are nearly round, about seven inches in diameter. Matures in about 90 days from setting of plants. Price: Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.00, postpaid.

## Red Cabbage

**Mammoth Red Rock** This is the largest and best variety of red cabbage. Heads are round, extremely hard, color, a deep purplish-red, and an excellent keeper. Matures in about 110 days from time plants are set. Price: Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.00, postpaid.

## P.-W.'s Danish Ball Head

is not only a wonderful Cabbage for the table during the winter, but the very best for Kraut. Plant it liberally for both home and market.



Pe-Tsai

Wong Bok

# P-W's Reselected CAULIFLOWER

**CULTURE**—Plant the seed in beds in May for fall crop, and transplant to garden or field the latter part of July. For early summer crop, plant the seeds in hotbeds in January or early in February and the plants will be ready for the field as soon as danger of frost is over. Young plants should be thinned, since they become very spindly if allowed

to grow too thick.

Transplant to the field, they should be set in rows two feet apart each way. If they are hardened before setting in the field and the growth is not checked, they will head well. One ounce of seed produces 2000 to 2500 plants. It requires about 10,000 plants for an acre.

**P-W's Perfection (Super Snowball)**—We obtained this grand new strain from a Danish specialist. Our tests show it to be the peer of all yet developed. It is adapted for either early or late fall use. It possesses all the good qualities of the best Early Snowball strains. The leaves are longer than the Snowball varieties, and enfold closely over the heads. The inner leaves almost cover the snow-white heads, bleaching them nicely, thus avoiding the necessity of early tying of the leaves. Pkt., 10c;  $\frac{1}{4}$  oz., 75c; oz., \$2.25;  $\frac{1}{4}$  lb., \$8.00; lb., \$27.00.

**P-W's Danish Giant (Dry Weather Cauliflower)**—It is very similar in growth, size and other characteristics to the Early Snowball. It will stand an unusual amount of dry or warm weather and still produce large, solid heads. In some climates, where heretofore it has been impossible to grow good cauliflower, this fine variety has proven a success. Pkt., 10c;  $\frac{1}{4}$  oz., 65c; oz., \$2.00;  $\frac{1}{4}$  lb., \$7.50; lb., \$25.00, postpaid.

**Early Snowball**—The well-known standby. It is just as good as ever. Suitable for either early or late planting. Under favorable conditions nearly every plant will make a fine, solid head of good size. Pkt., 10c;  $\frac{1}{4}$  oz., 65c; oz., \$2.00;  $\frac{1}{4}$  lb., \$7.50; lb., \$25.00.

**Offer No. 12**  
**CAULIFLOWER**  
for all weather conditions  
 $\frac{1}{4}$  oz. P-W's Perfection  
 $\frac{1}{4}$  oz. P-W's Dry  
Weather  
(Regular  
Value  
\$1.35)      \$1.00  
Postpaid

**P-W's New Snowdrift** This splendid novelty has been developed from a select type of Snowball. It is a larger head than the old type Snowball but has not lost materially in earliness. It matures with great evenness so that the bulk of the crop is nearly as early as the earliest Snowball and harvest is complete in 120 days after date of sowing. A very superior strain of Cauliflower. Price: Pkt., 10c;  $\frac{1}{4}$  oz., 75c; oz., \$2.25;  $\frac{1}{4}$  lb., \$8.00; lb., \$27.00, postpaid.



P-W's Danish Giant (Dry Weather)

If you want the best seeds of the best strains of Cauliflower yet introduced, something true to name, type and description, and something you can depend upon, send us your order and you will get it. Our seed comes direct to us from Denmark from the world's best specialists, and is equal to any stock offered elsewhere, regardless of price.

## P-W's New White Wonder

This is a new improved strain developed especially for the most critical market garden trade, in fact we believe it to be the last word in early Cauliflowers, being about ten days earlier than the Snowball. The heads are especially even, good size, very solid and finely grained; plant is compact, leaves medium size, pure white and does not yellow even when exposed to very bright sunlight. This was especially bred for keeping heads compact and solid even under most unfavorable circumstances. There is little question but what this will become a market garden leader. Price: Pkt., 10c;  $\frac{1}{4}$  oz., 75c; oz., \$2.25;  $\frac{1}{4}$  lb., \$8.00; lb., \$25.00, postpaid.

You are as near to us as your Post Office. All seeds are priced postpaid, unless otherwise noted.

## Cauliflower Plants

Strong, well-hardened transplanted plants of Early Snowball and P-W's Perfection will be ready in April and May. Price, 25c per dozen; \$1.00 per 100, postpaid. Not prepaid, \$6.50 per 1000.

**WATCH YOUR VITAMINS**  
CAULIFLOWER contains water soluble B.

# CELERY-The Health Food Delicacy



P.-W.'s Improved Golden Crisp

## Celeriac (Turnip Rooted Celery)

**Culture**—Handled exactly like Celery described above, excepting that no blanching is necessary. Celeriac is grown for the root only, which, boiled until quite tender and served cold with a French dressing, is a most delicious salad.

**Giant Smooth Prague.** A very large and smooth variety. Pkt. 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50, postpaid.

## P.-W.'s Celery Plants

Ready May to July—Golden Crisp and Golden Self Blanching—Strong plants, 35c per doz., 75c per 100, postpaid. Write for quantity prices.

## Cress

Splendid for salad, garnishing. Sow seed one foot apart in open ground. Sow often for succession, as it soon runs to seed.

**Extra Curled or Pepper Grass**—The leaves of this small salad are much frilled or curled, and are used for garnishing. Pkt. 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c, postpaid.

**True Water**—The seed is usually sown and lightly covered in gravelly, mucky lands along the borders of small, rapid streams. Pkt. 10c; oz., 60c;  $\frac{1}{4}$  lb., \$2.00, postpaid.

For early summer celery sow seeds of the self-blanching sort in flats under grass during latter part of February or early March. In May to June 15th, set the plants in very rich and well prepared land, six inches apart in the rows, three to four feet apart. Cultivate thoroughly and blanch out by boards set up against rows. One ounce will produce from 5,000 to 10,000 plants. Celery contains Vitamins A, B, C, D, and necessary mineral salts.

## P.-W.'s Improved Golden Crisp The far-famed Utah Celery so much in demand.

This strain was originally developed by the Chinese gardeners. Its superior qualities gave them exclusive control of the celery market while their supply lasted. It is much stouter, thicker and heavier, with double the amount of heart of any known celery. The plant is beautiful in appearance, of close habit and compact growth, and blanches to a beautiful creamy-white. Ribs perfectly solid, crisp and of a delicious nutty flavor. Once sown, always grown. We supply only the reselected stock seed of P.-W.'s Improved Golden Crisp. Pkt., 20c;  $\frac{1}{4}$  oz., 30c; oz., 85c;  $\frac{1}{4}$  lb., \$3.00; lb., \$10.00, postpaid.

**Golden Self Blanching**—Of quick growth, easy and self-blanching character, combined with handsome appearance and crisp, sweet flavor. It is a good early Celery for home gardens and local markets. Pkt., 15c; oz., 75c;  $\frac{1}{4}$  lb., \$2.50; lb., \$8.00, postpaid.

**Giant Pascal**—Large, thick, solid, round stalks. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 70c; lb., \$2.50, postpaid.

## P.-W.'s Wonderful or Golden Plume (See Cut)

This new variety is rightly named "Wonderful." It is a decidedly distinct type, ten to twelve days earlier than Golden Self-Blanching and very much superior in eating quality. Plants are very large in size, short, stout, stocky and full of heart. It blanches easily to a beautiful, clear, creamy-white color. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$2.00; lb., \$6.00, postpaid.



P.-W.'s Wonderful Celery

# SWEET CORN for Roasting Ears

**CULTURE**—Plant about the middle of May, or as soon as the ground is dry (if planted too early corn is apt to rot) in hills three feet apart each way, seven or eight kernels to a hill; hoe often and draw dirt to the stems; thin to four stalks and break off side shoots. Use plenty of old, fine manure. For succession plant every two or three weeks until the last of July. In order to have well-filled ears with perfectly developed grains, it is very important that corn is planted in blocks of three rows or more and not in single rows, so that the pollination of the ears which is effected by the wind will be perfect.



P.-W.'s Golden Rod

**Stowell's Evergreen**—The standard main crop variety. The ears about seven to eight inches long, fourteen to twenty rowed, with very white grain. Pkt., 10c; lb., 35c; 3 lbs., 85c; 10 lbs., \$2.25, prepaid.

## Other Good Sorts

**Black Mexican**—Very tender and sweet; good producer.

**Early Mammoth White Cory**—Stalks short; ears set quite low, of fair size. Very early.

**Early Minnesota**—Ears about 2 inches long; early; kernels broad, sweet and tender.

**Portland Market**—Large ears, often a foot in length, mature very even. The stalks grow strong and vigorous, but rather dwarf. Matures about 10 to 14 days after Early Mayflower.

**Price any of above** (except where otherwise noted)—Pkt., 10c; lb., 30c; 3 lbs., 75c; 10 lbs., \$2.00.

## Write for Quantity Prices on All Corn Pop Corn

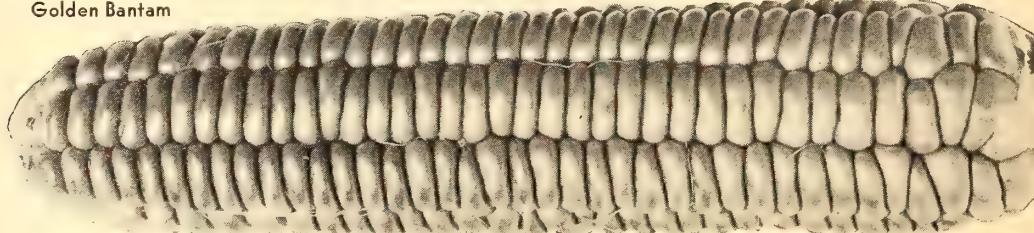
### Same cultural directions as Sweet Corn

**Japanese Hulless Dwarf Rice**—Very tender and almost hulless. Ears short and chunky. Heavy yielder. We regard this as the coming commercial variety, no husk when popped. Pkt., 10c; lb., 20c, postpaid. Not prepaid, 10 lbs., \$1.50.

**Both Yellow Pearl and Black Pearl Pop Corn** can be supplied. Same price as Japanese Hulless.

**Field Corn**—See Farm Seeds. (Page 68.)

Golden Bantam



Country Gentleman

# Sugary Tender SWEET CORN

**P.-W.'s Golden Sunshine** This new introduction is a cross between early white corn, Portland Early Market. It is ready for market a week to ten days before Golden Bantam. The ears are the same size as Bantam but 12-rowed instead of 8 of equally good color and with a high quality grain. Pkt., 10c; lb., 30c; 3 lbs., 85c; 10 lbs., \$2.25, postpaid.

**Oregon Evergreen** Similar to Stowell's Evergreen except in date of maturity and the added time it remains in prime condition after being pulled. Its earliness, large size and delicious flavor make it a favorite wherever grown. Pkt., 10c; lb., 30c; 3 lbs., 75c; 10 lbs., \$2.00, postpaid.



P.-W.'s Golden Early Market

When Better Seeds Are Sold We'll Sell Them

By means of our Trial Grounds, we select the best.

P.-W.'s Golden Sunshine

**P.-W.'s Golden Early Market** This is really a companion variety for New Golden Sunshine. The ears have strong husks eight to twelve rowed. Kernels golden yellow, medium size, tender, sweet, and of good flavor. Very prolific yielder for so early a variety. Our field records show this Corn to mature just slightly earlier than Golden Sunshine. Pkt., 10c; lb., 35c; 3 lbs., 90c; 10 lbs., \$2.65, postpaid.

## P.-W.'s All-Season Sweet Corn Collection Offers

### You can have fresh Sweet Corn

throughout the summer and how good that flavor can be if picked just an hour before using. It's easy to arrange this at planting time. We suggest the selection below which may be planted at the same time and will keep you supplied with the finest Sweet Corn all summer.

**P.-W.'s Golden Early Market**—Extra early. First real quality corn.

**P.-W.'s Golden Rod**—Medium early. Always dependable.

**Oregon Evergreen**—Late. Best white variety.

**Country Gentleman**—Late. Small kernels. Very sweet.

### Offer No. 15-A

1 Packet each of above — 4 packets in all .....

**30c**  
Postpaid

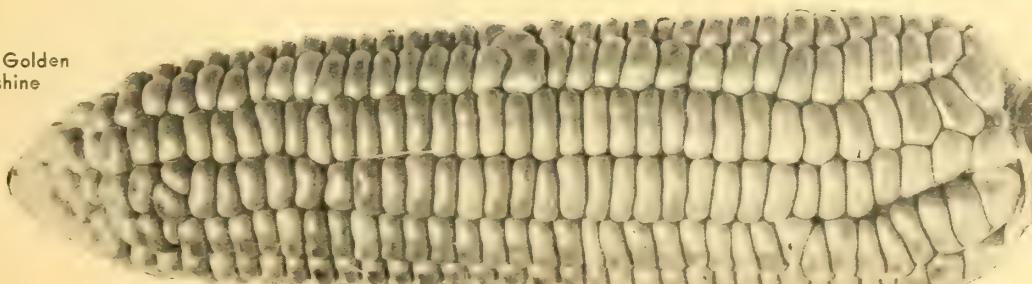
### Offer No. 15-B

1 lb. each of the above four varieties (4 lbs. in all) .....

**\$1.00**  
Postpaid  
(Reg. Value \$1.25)



Oregon Evergreen



# Pickles & Salads Use CUCUMBERS

**CULTURE**—The soil best adapted is a rich, warm moist loam. As soon as frost danger is over, sow seed in open ground in hills 4 to 5 feet each way. Seed should be sown thickly, one-half inch in depth and when well out of the ground thinned to three or four plants to the hill. Cucumbers should be gathered by cutting, not tearing, every day or at least every other day; leave none to ripen if you want a full crop. 1 oz. 75 hills; 2 to 3 lbs. per acre.

Use Hotcaps for Early Market (See page 73)



P.W.'s Klondike White Spine

**New Colorado** (Winner All America 1935 Award of Merit.) One of its outstanding qualities is that it does not taper, but is practically the same size from end to end. The color is dark green, making it specially attractive for display, and the flesh is crisp and tender. The fruit is long, 9 to 12 inches, very straight and it is an exceptionally heavy yielder. Edible in 60 days. Pkt., 10c; oz., 35c; 1/4 lb., \$1.15; lb., \$3.50, postpaid.

**The Black Diamond** "It Stays Green" — Fruits weigh 1 1/4 to 1 1/2 pounds, symmetrical, nearly square ended. Length 8-9 inches; maturity 60 days. Very dark green, holds color and firmness well when shipped long distances. Pkt., 5c; oz., 15c; 1/4 lb., 45c; 1 lb., \$1.50, postpaid.

**Clark's Special** Holds its color and firmness when handled long distances. Fruits weigh 2 1/4 lbs., averaging 6 1/2 inches in length and 2 1/2 inches in diameter. Requires about 59 days from planting to picking. The color is a handsome dark green slightly deeper at both ends. (See cut.) Pkt., 5c; oz., 15c; 1/4 lb., 45c; 1 lb., \$1.50, postpaid.

**Davis Perfect**—Medium early, extra long dark green type; retains its color and good qualities long after being picked. Pkt., 5c; oz., 15c; 1/4 lb., 45c; 1 lb., \$1.50.

**Early Fortune**—A quick grower, very productive and disease-resistant; fruits nine inches long, slightly tapering; flesh white, very firm and crisp. Pkt., 5c; oz., 15c; 1/4 lb., 45c; 1 lb., \$1.50, postpaid.

Market Gardeners will build a lasting trade by planting New Colorado Cucumbers

**Improved Long Green** Very vigorous and productive. Fruits long, often twelve to fifteen inches, uniformly slender, beautiful dark green. Probably the most extensively used variety for home garden and market. The stock we offer is second to none. Matures in 70 days. Pkt., 5c; oz., 20c; 1/4 lb., 50c; 1 lb., \$1.75, postpaid.

**Garden Lemon**— Also known as Lemon cucumber. Makes fine preserves.

Pkt., 10c; oz., 20c; 1/4 lb., 60c; 1 lb., \$2.00, postpaid.

Give "The Black Diamond" a trial this year — you'll be delighted.

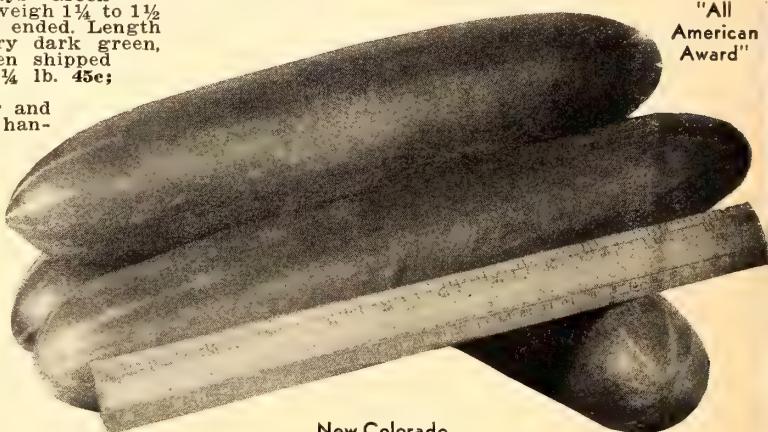
**P.W.'s Klondike White Spine** (Matures in 63 days.) Fruits are six to seven inches in length, green to the tip and ends, solid, crisp and of excellent flavor. Pkt., 5c; oz., 15c; 1/4 lb., 45c; 1 lb., \$1.50, postpaid.

**P.W.'s Longfellow Cucumber**— Fruits average 12 to 14 inches in length by 2 1/2 inches in diameter; dark green color. Pkt., 5c; oz., 20c; 1/4 lb., 60c; 1 lb., \$2.00, postpaid.

**West Indian Gherkin**—This is a native of Jamaica. It is quite distinct from Cucumber. It is used for very small pickles. Fruits are about two inches long, one inch in diameter. Pkt., 5c; oz., 20c; 1/4 lb., 60c; 1 lb., \$2.00, postpaid.

**Boston Pickling**—Very productive, extensively grown for pickles. Very smooth and symmetrical—flesh crisp and tender. Pkt., 5c; oz., 10c; 1/4 lb., 40c; 1 lb., \$1.25, postpaid.

"All American Award"



New Colorado

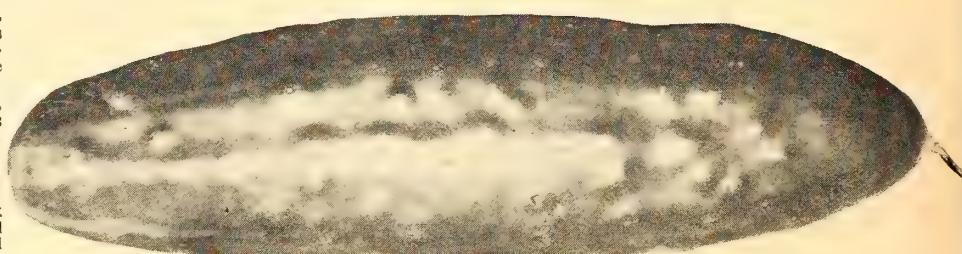


Market Growers Special Collection Offer

1/4 Acre Cucumbers for Slicing or Pickles. Consists of:  
1 oz. New Colorado  
1/4 lb. Clark's Special  
1/4 lb. Imp. Long

(Reg. Value  
\$1.30)

\$1.00  
Postpaid



Clark's Special

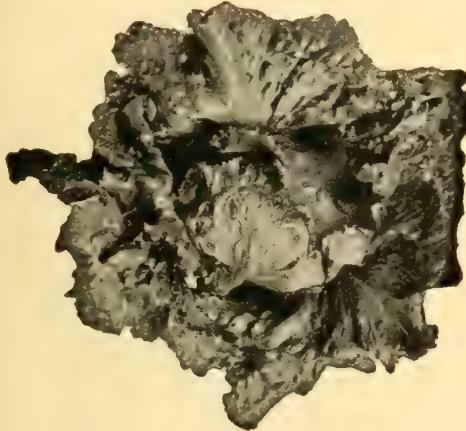
# LETTUCE

## Salad Favorite

**CULTURE**—The seed should be planted in rows eighteen inches apart, as early as possible, and the young plants of cabbage head variety should be thinned until four inches apart. Varieties that do not head may be left quite thick, and when fairly well grown, those thinned out may be used. Nitrate of soda, or some nitrogenous fertilizer will pay if used after plants are set. A light, warm, rich, well watered soil is ideal as quick, rapid growth is essential to crispness and flavor. One ounce produces three thousand plants; for Head Lettuce sow  $1\frac{1}{2}$  to 2 pounds per acre; Loose Leaf varieties 3 to 4 pounds per acre.

### Heading Types

**New York Imperial F** The most widely adopted of the Imperial Valley types; resistant to brown bight and downy mildew. It is very close to New York Special in type and thrives practically everywhere that variety can be used. Thousands of car loads are shipped from California every year. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 65c; lb., \$2.00.



Hanson

**P.-W.'s N. Y. Lettuce No. 12** This new strain is a single plant selection from the regular New York or Los Angeles Market strain. It is early, makes large, solid heads, uniform in maturing. Price—Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50; 10 lbs., \$12.50, postpaid.

**P.-W.'s New White Boston Head Lettuce** The leaves are of fine texture, heads solid and compact. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c; lb., \$1.75, postpaid.



P.-W.'s N. Y. Lettuce No. 12

**New York No. 5-B** This is a newly developed strain of the famous New York lettuce.

It is larger than the No. 12, more resistant to heat, being free from tip burn. It produces immense heads, often sixteen inches across, free from bitterness and does not have any tendency to run to seed under hot trying conditions. Best of the types for summer growing. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 50c; lb., \$2.50; 10 lbs., \$22.50, postpaid.

**Deacon**—Has very few waste outside leaves, grows very solid and of delicious buttery flavor.

**P.-W.'s Extra Early**—The best smooth leaved butter head lettuce.

**Hanson**—It is wholly free from bitter taste, having a sweet and rich flavor. A perfect open air lettuce in all respects.

**May King**—Fine for forcing and outside, medium size yellowish-green heads, very early.

**Prices on any of above**—Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

### Curled or Loose Leaved

**Black Seeded Simpson**—This is one of the best; leaves large, thin and exceedingly tender.

**Early Curled Simpson**—A popular early sort, forming a large, loose head.

**Grand Rapids**—The most popular variety for greenhouse planting.

**Prizehead**—Large, loose headed sort; leaves tinged with brown, very heavy.

**Prices on any of above**—Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

Write for quantity prices

### Cos or Romaine Lettuce

**Trianon**—The best of this type. Forms large, light green plant with head well folded, quite solid. The flavor is different from ordinary and esteemed by many. Tie plants to blanch them or plant closely, 5 inches apart. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.



Black Seeded Simpson Lettuce



### Offer No. 17

1 oz. Endive.  
 $\frac{1}{4}$  lb. New York No. 5-B Lettuce.  
 1 oz. New White Boston Lettuce  
 1 oz. Curled Simpson Lettuce.

(Regular value,  
 \$1.25)  
 ALL FOR  
 \$1.00  
 Prepaid

# MUSKMELONS — Delicious Cantaloupes



Burrell's Improved Hales Best No. 36

**Heart of Gold (Improved Hoodo)**—Carefully selected to an oblong type, a little larger than the standard Rocky Ford, very uniform in size. It is a splendid shipping variety and is increasing in use. The flesh is a rich orange, fine grained, excellent. The seed cavity is small. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00; 10 lbs., \$8.50, postpaid.

## Casaba Melons

Cultivate same as other melons but do not water too freely after first setting of fruit is fully grown.

**Honey Dew (Improved Casaba)**—The outer skin is smooth and hard, nearly white, turning to a lemon tint when fully ripe. Melons weigh from six to ten pounds each, flesh is light green, solid, honey-like flavor, luscious and juicy. Fruits may be laid away for use late in the fall. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.15, postpaid.

**Golden Beauty**—Fruits globular, bright yellow with golden tint, with wrinkled skin, six to eight inches in diameter. Flesh is white, very thick, juicy and sweet. Price same as Honey Dew.

**Persian**—It shows no trace of ribs completely netted, shape oblong, flesh thick, pink; large, weighing about 10 pounds. Edible in 102 days. Size, 10-12 inches. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$1.75.

**USE HOTCAPS TO INSURE EARLY MELONS**  
(See page 73)



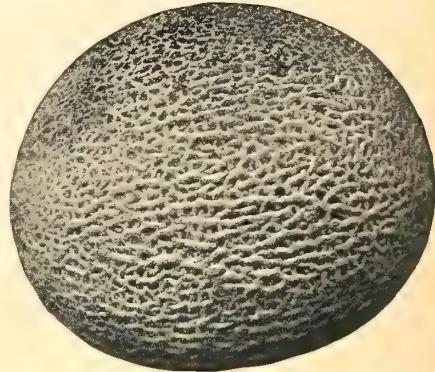
Lybber's New Muskmelon

Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm, in hills five to six feet apart each way for muskmelons, eight feet for Casabas, and plant in each twelve to fifteen seeds; after all danger of bugs is over thin out to three or four plants per hill. Seed required, one ounce 50 hills, two to three pounds per acre.

**Hales Best No. 936** Introduced last year by the originators of the No. 112 and the No. 36. In this the originators claim to have eliminated certain defects in the parent stock and feel sure they have an improvement on both these types. It is an early melon—the earliest of all the Hale's Best Strains. The cantaloupes are pink-fleshed, thick-meated, and of a sweet, spicy flavor. The melons are well-netted and run to even jumbo 36 sizes. It is an excellent shipper. The vines are vigorous and produce a prolific yield. We believe this cantaloupe to be the finest of the Hale's Best strains. Prices postpaid—Oz., 15c;  $\frac{1}{4}$  lb., 45c;  $\frac{1}{2}$  lb., 80c; 1 lb., \$1.50; 2 lbs., \$2.50; 5 lbs., \$5.75; 10 lbs., \$11.00.

**Burrell's Improved Hales Best No. 36** A selection from the original strain of Hales Best. Same in earliness as the original. The melons run more uniform in size, slightly smaller, closely laced netting resembling Pollock 10-25. No. 36 is the largest of the solidly netted Hales Best strain. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.

**Lybber's New Muskmelon** The grand novelty is a cross by the originator from a large early muskmelon and the Hearts of Gold cantaloupe. It retains the size and earliness of the muskmelon and the unique sweet delicious flavor of the Hearts of Gold. Matures 10 days earlier than the Hearts of Gold. Grows to a large size, a single melon weighing 8-10 lbs. You will find this the most delightful muskmelon yet developed. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c. (Supply limited.)



P.-W.'s Orange Flesh or Super Perfecto

## Collection Offer No. 18A

Five leading melons for the	Reg. Value
Home Garden:	35c
1 pkt. Hales Best No. 936	Postpaid
1 pkt. Hearts of Gold	for
1 pkt. Lybber's New	
1 pkt. Honey Dew Casaba	
1 pkt. Super Perfecto	

**25c**

**Offer No. 18B** **55c**  
1 oz. each of the above five varieties (reg. value 75c.)  
postpaid

**Other Good Muskmelons**  
**Burrell's Gem**—Salmon fleshed cantaloupe.  
**Hale's Best**—Original strain; orange flesh.  
**Pollock 10-25**—Salmon fleshed Rocky Ford.  
**Rocky Ford**—Gold lined or salmon fleshed.  
**Super Perfecto**—Improved pink type Rocky Ford.  
Any of the above: Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, postpaid.

Luscious, Refreshing

# WATERMELONS



New Striped Klondike

**CULTURE**—Plant the seed the middle of May in hills about 9 feet apart. Use five or six seeds to a hill and thin out to three plants as the second or third leaf shows. A farm crop two to four lbs. per acre.

Four ounces to 100 hills. 2-4 lbs. per Acre.

**P.-W.'s Pride of Muscatine** New wilt-resistant watermelon. Melons are long dark green, with brown seeds and red flesh, crisp and sweet. The rind is thicker than the Kleckley Sweet, making it superior for shipping. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25, postpaid.

**P.-W.'s Improved Kleckley Sweet** (Monte Christo) The bright scarlet flesh is firm, crisp, entirely free from stringiness or cotton and "sweet as sugar." The melon is oblong, about twenty inches in length by ten or twelve inches in diameter. Skin dark green. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 85c postpaid.

**P.-W.'s Stone Mountain** It does not carry more than half the seed of other varieties and rind is tough so it can be shipped to distant markets successfully. Fruits weigh from 50 to 80 pounds, ripen in 90 days from planting. The exterior, green with darker veining, flesh red, exceptionally solid, sweet. Seed white. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.

Write for quantity prices on all melon seed.

**Winter Watermelon (King and Queen)** As the name indicates, this is a winter variety. The firmness of the flesh causes it to be the longest keeper of the watermelon family. Put into a cool place it will keep long into the winter without losing its delicious sweetness or exquisite flavor. Flesh is red and extremely firm, very brittle and deliciously sweet. Round shaped, skin light green, almost white. Drought resister, does well in almost any section where melons can be grown. Pink seeds. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.

**Black Seeds** at same price. Specify which is desired when ordering.

## Collection Offer No. 19A

Five luscious Watermelons: Reg. value, 40c  
All for

1 pkt. P.-W.'s Pride of Muscatine  
1 pkt. King and Queen  
1 pkt. New Striped Klondike  
1 pkt. Early Kansas  
1 pkt. Dixie Queen

**25c**  
**75c**

**Offer No. 19B**  
One oz. each of above five varieties. 5 oz. in all (reg. value, 90c), all postpaid for.....

## Other Good Varieties

We have stock of **Angelino**, **Chilian** or **Cannon Ball**, **Colorado Citron**, **Halbert Honey**, **Irish Grey**, **Exel**, **Tom Watson**. Price—Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00, postpaid.

**New Striped Klondike** This is similar in size and habits of growth to the dark green Klondike. Considering both eating and shipping quality it is considered the best small melon, the flesh is deep red, sweet and stringless. The rind light green striped with darker green, thin hard and tough, making it desirable for shipping, the firm flesh will keep many days, average about 25 to 30 lbs., medium early. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.65; 5 lbs., \$7.50.

**Note**—We supply seed of the Regular Dark Green Klondike at the same price as the Striped Klondike. **Early Kansas** A most wonderful new melon—only 55 days from planting the seed to ripe melon, of finest texture, sweet flavor and melting, bright red meat, solid to the rind, which is about one half inch thick. Nearly round in form, light green with broad bands of wavy stripes, growing 30 to 60 pound melons. Robust grower and heavy cropper, 800 to 1,000 melons per acre is not unusual. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 55c; lb., \$1.75, postpaid.

**Dixie Queen** An enormous yielder, vines are of vigorous growth, melons in form are round to oval, skin striped light and dark green, fruits are of good size, flesh bright red, crisp and splendid quality, good shipper, and sell to good advantage, seeds small white, and very few in each melon. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 55c; lb., \$1.75, postpaid.

What is more inviting on a hot day than a cold, luscious watermelon.



P.-W.'s Stone Mountain Watermelon

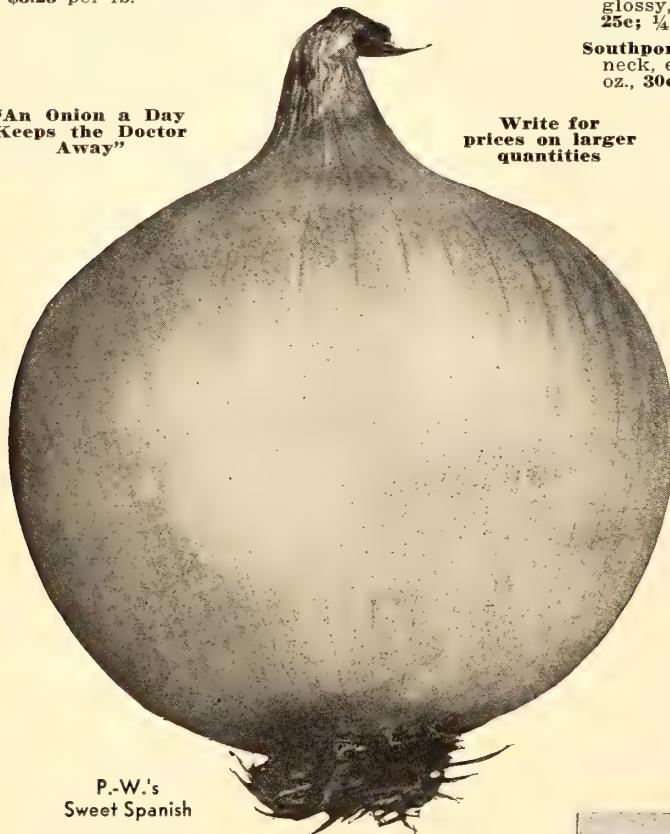
# ONIONS Wholesome, Health Producing Food

Sow in drills twelve to sixteen inches apart, sowing the seed thinly and cover thinly. Onions prefer a deep friable loam, very heavily enriched. Thin three to six inches apart in rows. One ounce 100 feet. 4-6 pounds per acre.

## P.W.'s Sweet Spanish Genuine "Valencia" Type — Riverside Strain.

It is a big, globe-shaped, brownish yellow onion weighing from one to three pounds depending on how it is grown. It has an unusual sweet, mild flavor and in the Salt Lake Valley and sections of similar climatic conditions, if planted early, it can be thoroughly cured, insuring its good keeping and shipping qualities. A yield of two thousand bushels per acre is not uncommon. In the ordinary method of planting here it requires three pounds of seed per acre when planted directly in the field. Pkt., 10c; oz., 25c; 1/4 lb., 80c; lb., \$2.50, postpaid.

**Utah State Certified Seed of Valencia Sweet Spanish**  
\$3.25 per lb.



Write for  
prices on larger  
quantities

**Southport Yellow Globe** Medium size, solid and heavy. The skin is a beautiful yellow, tops ripen down close, necks small. One of the surest keepers grown. Pkt., 10c; oz., 30c; 1/4 lb., 85c; lb., \$2.75, postpaid.

### OTHER GOOD VARIETIES

**Ebenezer (Japanese).** This is the mild yellow onion, large (often 4 inches in diameter), somewhat flattened. Attractive yellow skin and firm. Pkt., 10c; oz., 25c; 1/4 lb., \$2.25, postpaid.

**American Grown Prizetaker** — Very large, nearly round, light yellow. Pkt., 10c; oz., 25c; 1/4 lb., 80c; lb., \$2.50, postpaid.

**Yellow Flat Danvers** — Flesh fine grained. Pkt., 5c; oz., 25c; 1/4 lb., 75c; lb., \$2.25, postpaid.

**Red Wethersfield** — Well flattened, skin is a deep glossy, purplish red. Flesh white. Pkt., 10c; oz., 25c; 1/4 lb., 80c; lb., \$2.50, postpaid.

**Southport Large Red Globe** — Globe-shaped, small neck, excellent keeper; deep purplish red. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00; lb., \$3.25, postpaid.

## Onion Plants

These are field grown plants, put up 100 in a bunch or 6000 in a crate. We will be glad to supply any amount.

### Prices by Parcel Post or Express, Prepaid

	100	1000	6000	Crate of
Sweet Spanish	\$.40	\$2.00	\$7.50	
White Bermuda	.30	1.75	7.00	
Crystal White Wax	.30	1.75	7.00	

Write for prices on large quantities to be shipped direct from grower.



Onion Plants

## Onion Storage Hints

It will not do to store onions in large piles or masses, particularly in warm weather, or if they are the least moist, but if perfectly dry when gathered and stored in crates, they can be kept in fine condition till spring. The best way is to keep them dry, giving bottom ventilation if possible, and at a uniform temperature of about 32° to 34° F.



## Onion Sets

A great specialty with us. We produce several car-loads at our own farm in Centerville.

Soil requirements are the same as with onion seed. It requires from 250 to 350 pounds for an acre.

**Brown Bottom Sets** — Lb., 20c; 3 lbs., 50c; 10 lbs., \$1.75, postpaid.

**Yellow Bottom Sets** — Lb., 20c; 3 lbs., 50c; 10 lbs., \$1.15, postpaid.

**White Bottom Sets** — Lb., 22c; 3 lbs., 60c; 10 lbs., \$1.85, postpaid.

Write for quantity prices

## Garlic Sets

Most pungent of the onion family. Lb., 35c; 5 lbs., \$1.35, postpaid.

**P.-W.'s Early Sweet Spanish** This is one of the earliest, mildest and sweetest onions grown. It brings a premium for early market trade. (See Front Cover Color Plate.) Pkt., 10c; oz., 40c; 1/4 lb., \$1.35; lb., \$3.50, postpaid.

**P.-W.'s Mountain Danvers** Developed in the high valleys of the Rocky Mountains, probably a cross between the Early Flat Danver and Giant Gibraltar, producing a large, semi-globe shaped onion so well adapted to high altitudes and short season. Yields of 600 bags per acre are very common. Bulb is large, slightly flattened, of a beautiful bronze color, splendid keeper. Price — Pkt., 10c; oz., 30c; 1/4 lb., 85c; lb., \$3.00, postpaid.

**Australian Brown** Medium size, brown skin, white flesh. Pkt., 10c; oz., 25c; 1/4 lb., 65c; lb., \$2.00.

# Leading Mild, White ONIONS

## Crystal White Wax Popular Market Onion for the South and Southwest

—Selected stock direct from the most critical grower on the Island of Teneriffe. Very large, white onion of the Bermuda type, a remarkably good shipper and an excellent keeper. The sweet, mild flavor and large size make it a ready seller on any market. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50, postpaid.

**P.-W's Southport White Globe** True globe form, pure white, hard and small neck, ripening very early and evenly. A splendid keeper. Grows to a large size. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.00, postpaid.

**Early Barletta** Old-time favorite. From one inch to one and one-half inches in diameter. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00; 10 lbs., \$18.50., postpaid.



**P.-W's Peerless White** Best all purpose onion in the list. We especially recommend it to our market gardener customers who desire a bunching onion that will be marketable over an extended period. It holds its top longer than any other type and comes into market as early as the Pearl or White Queen. It is a true globe form, pure, white, solid, ripening evenly. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.00, postpaid.

**Early White Queen**—Highly recommended for pickling purposes. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00; 10 lbs., \$18.50., postpaid.

**White Lisbon**—For bunching. While it makes a good sized white bulb, it is grown instead of shallots and onion sets for what is known as table or green onions. Flavor mild and sweet. Price—Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; 1 lb., \$3.00.

Write for quantity prices



P.-W's White Sweet Spanish



P.-W's Peerless White Onion

**P.-W's White Sweet Spanish** This new Spanish type of onion is identical in shape and size and habits of growth to the P.-W's Sweet Spanish Onion, Valencia type. (See page 20.) It has the advantage of the beautiful white skin which makes it a more desirable onion for market. The flavor is unusually sweet and mild. The size of the bulb and the yield is just as large as the Yellow Sweet Spanish. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.20; lb., \$3.75, postpaid. Write for quantity prices.

**White Welsh** Does not form a bulb but is good winter for spring use, seed should be sown in furrows 4 inches deep and filled in as the plants develop. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; oz., 25c;  $\frac{1}{4}$  lb., 80c; lb., \$2.75.

**Early Round Silver Skin (White Portugal)** — Grown most extensively by market gardeners for pickling. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00; 10 lbs., \$18.50., postpaid.

**Onions**, cooked, contain water soluble C. **Onions**, raw, contain water soluble B and C.

## Okra (Gumbo)

One Ounce Fifty Feet of Drill

Sow late in the spring after the ground has become warm, in drills three feet apart, and when plants are three inches high, thin out to from ten to twelve inches. They should be well manured. They can also be started in a hotbed and transplanted afterward. The young, green seed pods of this plant are used in soups, stews and served like asparagus.

**Dwarf Green**—Prolific and productive.

**White Velvet**—Pods are large, perfectly round and smooth and attractive; of superior flavor and tenderness. Plants comparatively dwarf, of compact branching growth. Best for all purposes.

**Either of above**—Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c, postpaid.

# EGG PLANT

Seed germinates slowly, start under glass, with moderately high temperature, in March. When danger of frost is over, transplant to the garden or field. One ounce to 1000 plants.

**Black Beauty** Earliest and best of all large large fruits are thick and most attractive, rich, lustrous, purplish black. Pkt., 10c; oz., 50c; 1/4 lb., \$1.50; lb., \$5.00, postpaid.

**Plants** — Transplanted well grown plants of Black Beauty ready in May and June; 45c per doz., \$2.00 per 100, postpaid.

## Endive

A salad vegetable valuable for winter use. Sow in June or July, in rows, and thin to about six inches apart. One ounce 300 feet, 4 to 5 pounds per acre.

**Broad Leaved Batavian** — Broad, more or less twisted and waved green leaves with thick white mid-ribs. Unsurpassed for salads. Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.20, postpaid.

**Green Curled** — Very curly. The mid-ribs being wide and whitish, with the outer edges very much indented and curled, forming a very attractive plant. Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.20, postpaid.

**Garlic** — See page 21.

## Herbs

### POT, CULINARY, AND MEDICINAL

Sow as early as the ground can be made ready, in drills sixteen to eighteen inches apart, taking pains that the soil is fine and pressed firmly over the seed, or they may be planted as a second crop—the seeds sown in beds in April and the plants set out in June. Most of them should be cut when in bloom, wilted in the sun and thoroughly dried in the shade.

Pkt. Oz.	Pkt. Oz.
Anise, aromatic ..... 5c	25c
Caraway, flavoring 5c	15c
Catnip, medicinal ..... 5c	75c
Coriander, aromatic ..... 5c	15c
Dill, flavoring ..... 5c	20c
Horehound, medicinal ..... 5c	50c
Lavender, perfume 5c	50c
Garden Sage Plants—Field Grown, 25c each; \$2.50 per dozen	
<b>Marjoram, seasoning</b>	5c
<b>Rosemary, aromatic oil</b>	75c
<b>Sage, Common culinary</b>	5c
<b>Savory, Winter culinary</b>	25c
<b>Thyme, Broad-leaved English season'g</b>	5c
	75c

**Garden Sage Plants—Field Grown, 25c each; \$2.50 per dozen**

## Horse Radish

Grow it in your own garden and grate fresh. Plant the sets small end down in rows 2 feet apart, about 18 inches apart in the row. Set slanting and covered about two or three inches. Price, 25c per doz., \$1.75 per 100, postpaid.

## Kale

A species of cabbage. The leaves are cooked as greens; not injured by frosts. Sow in September in the same manner as spinach. One pkt. for 100 ft., 2 pounds per acre.

**Dwarf Curled Scotch** — Grows very low and compact, with large, bright deep green leaves curled, cut and crimped. Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.25, postpaid.

**Tall Green Early Scotch** — Very hardy, not injured by March Frost. About 30 inches tall. Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.25.



Kohl Rabi Early White Vienna



Black Beauty Egg Plant

## Kohl Rabi

Sow in rows 18 inches apart, cover 1/2 inch, and thin to 6 inches apart in the row. One ounce of seed sows 300 feet of row.

**Early White Vienna** — Very early, small tops, light green; bulbs medium size, best quality.

**Early Purple Vienna** — Bright purple bulb, leaves and stems green tinged with purple.

**Either of above** — Pkt., 10c; oz., 25c; 1/4 lb., 75c; lb., \$2.50.

## Leek

Seed should be planted in June for good plants in the fall or winter.

**Giant Musselburgh** — This is the best variety, having good thick stems which are also long, very vigorous and of a sweet mild flavor. Pkt., 5c; oz., 20c; 1/4 lb., 65c; lb., \$2.25, postpaid.



Dwarf Curled Scotch Kale

## Mushrooms

Mushrooms may be grown by anyone having a shed or cellar, where a temperature of 50 to 60 degrees is evenly maintained. Full cultural directions with every order.

**Pure Culture Spawn** — One brick, 35c; 5 bricks, \$1.50; 10 bricks, \$2.50, postpaid.

## Mustard

### One ounce to fifty-foot row

Excellent greens cooked the same as spinach. Sow in drills early in the spring, and at intervals through the summer.

**Giant Southern Curled** — Curled leaf, large.

**Ford Hook Fancy** — Beautiful dark green leaves.

**White English** — Leaves small and smooth.

**Any of above** — Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1 lb., 65c, postpaid.

# POTATOES

## "Mortgage Lifters"

### Increase Your Yield

**Change Your Seed**—There is a profit as well as satisfaction in planting our seed, for not only is it pure, but the additional yield to be secured from a change of seed fully pays for the seed, so that the investment itself is nothing. Plant good sized pieces each containing no less than two or three eyes, fifteen inches apart for late ones. Requires 700 to 1200 pounds seed per acre.

**Early Bliss Triumph (Certified Stock)**. Ten days earlier than the Early Ohio, and that is a big feature in favor of the farmer. It is not so liable to rot or scab. The tubers are nearly round, with red, smooth skin, and have shallow eyes. 10 lbs., 50c, not prepaid.

**Early Ohio (Certified Stock)** Red River Strain, grown on virgin. 10 lbs., 50c, not prepaid. 100 lbs., market price.

**Irish Cobbler (Certified Stock)** Very good size, good yielder. Price: 10 lbs., 50c, 100 lbs., market price.

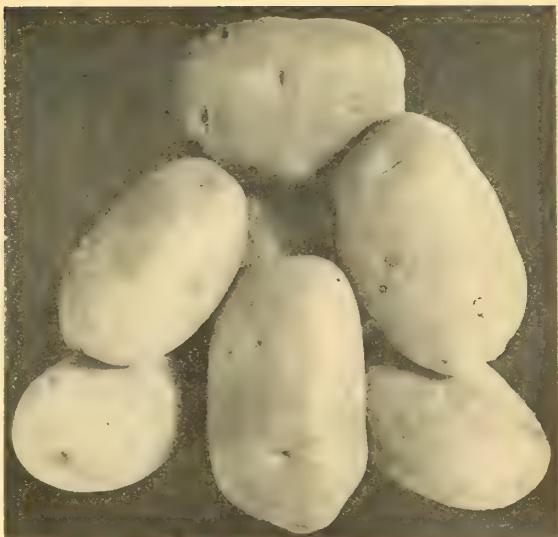
### Other Good Varieties

**Early Rose** (not prepaid)—10 lbs., 50c; 60 lbs., \$1.65.  
**Idaho Russet** (not prepaid)—10 lbs., 50c; 60 lbs., \$1.65.  
**Rural New Yorker** (not prepaid)—10 lbs., 50c; 60 lbs., \$1.65.

### Protect Your Crop from Disease

**Treat Potatoes with Semesan Bel.** One pound of Semesan Bel, when treating a fairly large quantity of seed potatoes, is sufficient for 16 to 20 bushels. Send for free Semesan booklet giving full details.

**Write for quantity prices—Market fluctuates rapidly.**



P.W.'s New White Gold

**P.W.'s New White Gold** This is a real market gardeners. It is without a peer for an extra early market variety. White Gold is at least two weeks earlier than Bliss Triumph, Irish Cobbler, or Early Ohio. It stands drouth better and at the same time gives a surprisingly good yield. As indicated by the name, this potato is white with a slightly netted skin, shallow eyes, and of uniformly good size. Its cooking and baking qualities are excellent and it keeps well in storage. Our stock is very limited. Order early to avoid disappointment. Price: 10 lbs., 65c, not prepaid.

### Offer No. 23-A

Try the Earliest Potatoes in Existence Today  
 10 lbs. White Gold Potatoes  
 10 lbs. Second Early Cobbler  
 10 lbs. Early Bliss Triumph  
 (Regular value, \$1.65)

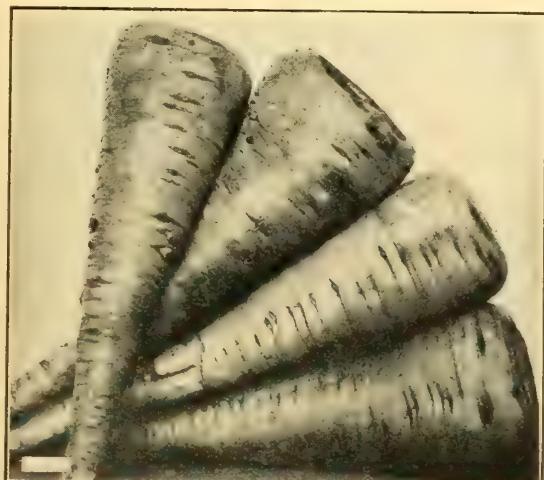
**\$125**

Postage Extra  
 if by Mail

## PARSNIPS

**CULTURE**—Sow seed in early spring in drills 15 inches apart and  $\frac{1}{2}$  inch deep in well dug rich soil. Keep crust from forming and cultivate often. Thin to stand 4 inches apart. Roots improve by being left in ground until next spring. One ounce for 100 feet of row, 5 to 6 pounds per acre.

**Guernsey or Hollow Crown** Our strain of Hollow Crown is the thick shouldered type particularly fine, smooth and regular. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., 90c, postpaid. Not prepaid, lb., 75c; 10 lbs., \$6.00. Parsnips contain fat soluble A and water soluble B.



Guernsey or Hollow Crown Parsnips

## Pumpkins

Plant in April or May, among corn or in the garden, in hills eight or ten feet apart, and otherwise treat in the same manner as melons. Three to four pounds per acre. One ounce to fifty hills.

**Common or Connecticut Field**—A productive, large, orange-colored field pumpkin, usually grown for stock feeding, but also makes good pies. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**King of Mammoth or Jumbo** This strain produces the biggest pumpkins grown, sometimes weighing 200 to 250 pounds. Outside color deep orange-yellow, flesh very thick, fine grained, tender, of bright yellow color and excellent quality for pies and other uses. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.

**Kentucky Field**—Large, round-flat creamy yellow skin and flesh. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c, postpaid.

### Offer No. 23-B

1 oz. Hollow Crown Parsnip  
 1 oz. King of Mam. Pumpkin  
 1 oz. Sugar Pie Pumpkin  
 (Reg. value, 35c)  
 Postpaid for

**25c**



Sugar Pie Pumpkin

**Sugar Pie** A handsome and productive small pumpkin, ten to twelve inches in diameter; flat-round, skin orange. Flesh deep yellow of fine grain and very sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c, postpaid.

**Write for quantity prices**

# Tender, Delicious, Green PEAS

**CULTURE**—Peas thrive best in rather light, sandy soil which is not too rich or they will run too much to vines and not bear heavily. Sow as soon as the ground can be worked, in single or double rows from one and one-half to three feet apart. The dwarf varieties can be planted in rows twelve to eighteen inches apart. One pound to 100 feet of row, 100 pounds per acre.

**P.-W.'s Laxton Progress** This new variety is a true wrinkled sort. Four days earlier than P.-W.'s Laxtonian, vines grow to an average of 15 inches, heavy dark colored foliage. Pods are large, pointed, very dark green color averaging 4½ inches in length. Peas remain tender and sweet for a long time after being picked. A leading market garden type for early use. Pkt., 10c; lb., 25c; 2 lbs., 45c; 5 lbs., \$1.00, postpaid.

**P.-W.'s Improved Laxtonian or Hundred Fold** The vines are vigorous, growing to about 12 inches high and producing a large crop of good-sized pods, averaging from nine to ten peas to the pod, exquisite flavor and mature early. All the planters who have grown it say it is superior to either Gradus or Thomas Laxton. Pkt., 10c; lb., 25c; 2 lbs., 45c; 5 lbs., \$1.00, postpaid.

Special of \$14.00 per 100 lbs. on all peas, not prepaid.

## Luscious Green Peas for Entire Season

Plant these five—all large podded:  
 P.-W.'s Laxton Progress (1st maturing)  
 P.-W.'s Dwarf Prize (2nd maturing)  
 P.-W.'s Dwf. Alderman (3rd maturing)  
 P.-W.'s New No. 40 (4th maturing)  
 P.-W.'s Dwf. Telephone (5th maturing)

### Offer No. 24-A

Consists of 1 pkt.  
 each of above (5  
 pkts. in all — val-  
 ue 50c.)

**35c**  
 Postpaid

### Offer No. 24-B

Consists of 1 lb.  
 each of above  
 five varieties  
 (value \$1.35)

**\$1.00**  
 Postpaid

**Rogers No. 95 Icer** This new orgination is five to ten days earlier than Stratagem, bearing an immense crop of beautiful large dark pointed pods. It is an ideal variety for packing in ice for market display due to its attractive dark green color and very firm pods. Pkt., 10c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.

**New Dwarf Alderman** This is a new development from the well-known Alderman but more dwarf, vines growing to a height of 20 inches, producing large well-filled pods 4½ inches long. Matures at least 10 days earlier than the current type, a decided advantage to the market grower. Pkt., 10c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.

**P.-W.'s New Number 40** This is a development out of the Stratagem type, but is four or five days earlier. It is unequalled in pod size and exceptional in quality. Resistant to Fusarium Wilt. It has been bred particularly for shippers and market gardeners. Vines are dark green, stocky, and branching. Pods are round, dark green, plump, pointed, and curved at tip, containing eight to ten large succulent peas. Height of vine, 26 inches; length of pod, from five to six and one-half inches. Matures in 75 days from planting. Pkt., 10c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.

**Mammoth Melting Sugar** The best known, edible-podded peas; reach a height of 6 to 7 ft. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c, postpaid.

## OTHER GOOD PEAS

### Extra Early Sorts

Alaska  
 Gradus  
 Thomas Laxton  
 World's Record

### Early Sorts

American Wonder  
 Nott's Excelsior  
 Little Marvel  
 P.-W.'s Dwarf Prize

### Main Crop Sorts

Alderman  
 Bliss Everbearing  
 Dwarf Telephone  
 Stratagem  
 Yorkshire Hero

**Any of above**—Pkt., 10c; lb., 25c; 2 lbs., 45c; 5 lbs., \$1.00, postpaid.

For larger quantities please write for prices. Customers desiring their orders forwarded via freight or express at their own expense deduct 5c per lb. from the postpaid prices.



P.-W.'s Improved Laxtonian

Inoculate Peas with McQueen's Inoculator for Increased Yield. (See page 78.)



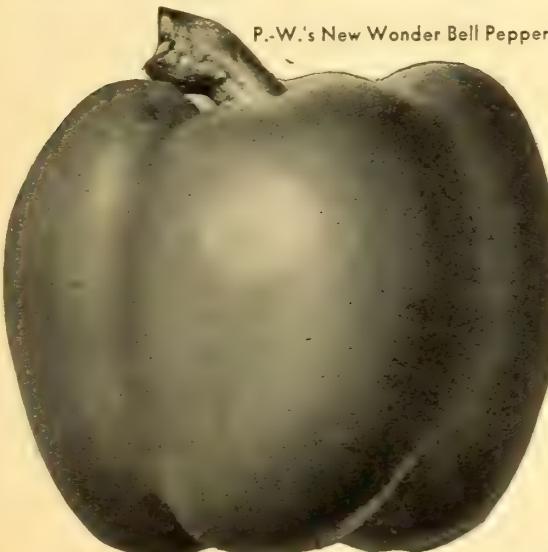
P.-W.'s Laxton's Progress

# PEPPERS For All Purposes



P.-W.'s New King Pepper

**HOTKAPS** protect against frost, wind, rain, hail, birds and insects. Profitable to use on Peppers, Cucumbers, Melons and Tomato plants. See page 73.



P.-W.'s New Wonder Bell Pepper

Sow in hotbeds in March or April or in a warm, sheltered border in May. When danger of frost is over transplant to field in rows two feet apart and eighteen inches in the row in good, rich ground. One ounce 500 plants, half pound per acre.

**P.-W.'s Chinese Giant Red** This is a very large, deep red variety, almost twice the size of either Ruby King or Bull Nose. It is four or five inches thick at the top and about six inches long. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.65; lb., \$6.00, postpaid

**P.-W.'s Wonder Bell Pepper** Vigorous grower and covered with enormous peppers about 4 inches in length and about 3 $\frac{1}{2}$  inches in diameter at the top, slightly tapering toward the bottom, mild and pleasant. (See cut.) Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 55c;  $\frac{1}{4}$  lb., \$1.65; lb., \$5.75, postpaid.

**P.-W.'s New King Pepper** New, thick-shouldered variety, bred for size and uniformity. Fruits average three to four inches at base and five to five and one-half inches in length. (See cut.) Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.60; lb., \$5.50, postpaid.

## Other Good Peppers

**Anaheim Chili**—Very desirable for seasoning; hot and pungent.

**Giant Crimson**—About the size of Chinese Giant, similar in appearance; ripens earlier.

**Large Bell or Bull Nose**—Large, red.

**Long Red Cayenne**—Small, scarlet, pungent pods.

**Neapolitan**—Unusually mild and sweet, a bright red.

**Pimento**—The sweetest pepper grown, as it does not contain the slightest trace of fieriness.

**Red Chili**—Small bright red, hot and pungent.

**Ruby King**—Fruits large, glossy red, very mild.

**Ruby Giant**—A cross between Ruby King and Chinese Giant.

**World Beater**—Large oblong 70-day, sweet.

**Squash or Tomato Sweet**—Large and mild.

Any of the above not specially priced—Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c;  $\frac{1}{4}$  lb., \$1.20, postpaid.

## Pepper Plants

Strong, healthy transplanted plants ready in May and June of Chinese Giant and Ruby King varieties. Price: 25c per doz.; \$1.00 per 100; \$7.50 per 1000.

### Offer No. 25-A

Here are three good Peppers for all purposes—P.-W.'s Wonder Bell, P.-W.'s New King and Anaheim Chili

1 pkt. each of the above

**25c**  
Postpaid

### Offer No. 25-B

$\frac{1}{2}$  oz. each of above three peppers

**75c**  
Postpaid

## Parsley

Sow as early in the spring as the soil can be dug, germinates best during cool, moist weather.

One Ounce 500 Plants

**Champion Moss Curled** A very finely curled bright green and very ornamental variety.

**Double Curled**—Very hardy and easy to grow, deep rich green.

**Triple Curled**—Extra curled, deep green—decorative.

Any of above, Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c; postpaid.

For best results, cut Parsley often and do not allow it to run to seed. It will then stay green the entire season.



Triple Curled Parsley

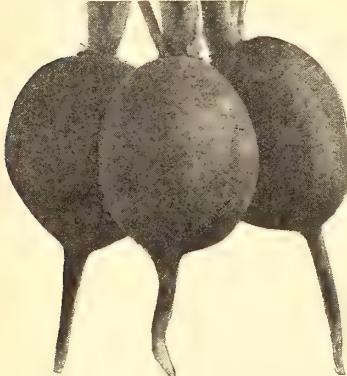
# RADISHES Crisp and Appetizing

1 oz., 50 ft. of row; 10 lbs. per acre

For the best results the soil should be light, well pulverized, rich and mellow to insure quick growing, supplying plenty of water. For a succession sow every ten days.

**P.-W.'s New Glowing Ball** brilliant scarlet, perfectly round forcing radish. It has a small top, thread-like tap root and its bright fiery color will make it a most attractive market radish. Suitable for forcing or early bunching. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c.

**P.-W.'s Bicolor Perfection** Red, White Tipped—A remarkably attractive variety. The white tip extends fully half way up the root, and the brilliant red of the top shows up in strong contrast. Excellent for market. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 65c; postpaid.



P.-W.'s New Scarlet Globe Radish

**P.-W.'s Sparkler** The Leader for Market—Colored is scarlet and white, extremely quick to mature, being ready for the table in 20 days from planting. Valuable for forcing under grass, as well as for the open. Skin very smooth, and its color gives it an appetizing appearance. Selected stock seed. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c, postpaid.

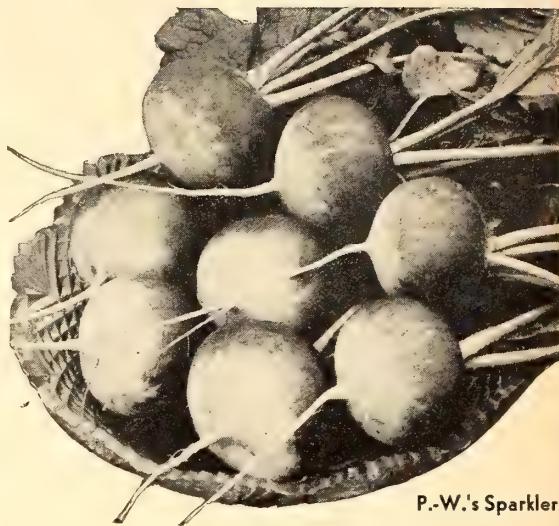
**French Breakfast**—Oval form, bright scarlet color, tipped with white. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c, postpaid.

**P.-W.'s Scarlet Turnip White Tipped**—Well known market variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c, postpaid.

## P.-W.'s New Scarlet Globe

We specially recommend this to gardeners as a large, first early forcing radish. It is also desirable for first early planting outdoors for home garden and market. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 65c, postpaid.

5 lbs. and over at 10-lb. rates; 25 lbs. and over at 100-lb. rates.



P.-W.'s Sparkler

## Radishes—Long Varieties

**Icicle** White, slender and tapering in shape. It quickly grows to market size, is crisp, brittle, mild and sweet.

**Long Scarlet Top**—Bright carmine.

Prices any of above—Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 80c, postpaid. Write for prices on quantities.

## Rhubarb

Sow the seed early one inch deep and when the plants are large enough, thin them to four or five inches apart. The next spring or fall transplant them three feet apart each way in deep, rich soil. For forcing, take up some large roots and place them in a dark corner of the cellar or greenhouse. One ounce for 50 feet of drill, 8 to 10 pounds per acre.

**Strawberry Rhubarb**—Attractive red variety—takes less sugar, excellent flavor—growing in popularity yearly. Both Seed and Roots. Same price as "Victoria."

**Victoria**—Very large and tender. The best variety to plant and the one most generally used. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.

**Roots**—Mailing size, 2 or 3 eyes to each clump. Each, 15c; \$1.50 per doz., postpaid. By express or freight, 80c per doz.; 100, \$6.00.

**New Giant Cherry Rhubarb** This new rhubarb is one of the finest quality, producing large stalks of cherry red. Commands the highest price on the markets. (Plants only.) Price, 45c each; \$4.50 per dozen, postpaid.

## Salsify

Cultivate the same as carrots. Can remain in the ground all winter for early spring use.

**Mammoth Sandwich Island**—Grows to a very large size and resembles a good-sized parsnip. Mild and delicately flavored; very popular. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50, postpaid.

**Swiss Chard**—See page 8.

Write for quantity prices

## Offer No. 26

### THE FAMILY OF FIVE'

- 1 oz. Sparkler Radish
- 2 oz. Best for All Beet
- 1 oz. Bloomsdale Spinach
- 1 oz. Hollow Crown Parsnip
- 2 oz. Oxheart Carrot
- 1 oz. Purple Top White Globe Turnip.
- 1 oz. Danish Ball Head Cabbage
- 1 pkt. Stone Tomato
- 1 pkt. Parsley
- 1 oz. Sweet Spanish Onion

Regular Value  
\$1.45)  
All pre-  
paid for

\$100

## Radishes—Winter Varieties

Seed for winter radishes should be sown about the first of August in rich, warm, sandy loam, in rows about twenty inches apart, covering half an inch deep. When well up thin to three inches apart in the row and give frequent cultivation. For winter use, the roots should be pulled and packed in damp sand and stored in a cool cellar.

**Chinese Rose**—Half-long, flesh pink, solid.

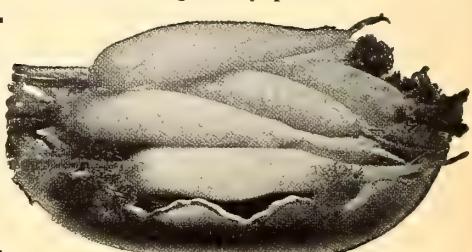
**Long Black Spanish**—Roots black.

**Round Black Spanish**—Globe shaped.

**Celestial or White Chinese**—Pure white, firm.

Price, any of above—Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 85c, postpaid.

Customers  
every-  
where  
attest the  
Superior  
Quality  
of P.-W.'s  
Tested  
Seeds



White Icicle Radishes

# The Great Health Food-SPINACH

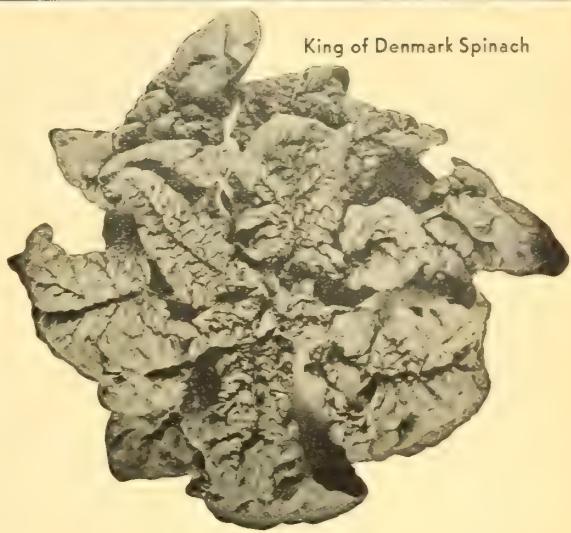
For spring and summer use, sow early in drills, one foot apart and one inch deep, as soon as the ground can be worked; and every two weeks thereafter for a succession. For winter or early spring use, sow in September in well-manured ground, covering with straw on the approach of severe weather. It is hard to get the ground too rich. The stronger the ground the larger and more succulent will be the leaves. One ounce 100 feet, 10 to 12 pounds per acre.

**New Viking Spinach** Award of Merit All-American Selection

1935. In this new spinach we have a most happy combination of qualities looked for by spinach growers for a number of years. It is of exceptionally rapid growth, developing large substantial very dark green foliage, retaining its freshness and color over an extended period without bolting to seeds. An unexcelled variety for either canning or market. See front cover page for color illustration. Price: Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 70c, postpaid.

**P.-W.'s Improved Long Standing Bloomsdale Savoy-Leaved** Best for fall, but if sown very

early in the spring will produce a good crop. This early, productive variety produces large, glossy, dark green leaves, crumpled or blistered, very thick and of great substance. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c, postpaid.



King of Denmark Spinach

## Collection Offer No. 27

ALL SEASON FRESH GREENS FOR THE FAMILY TABLE

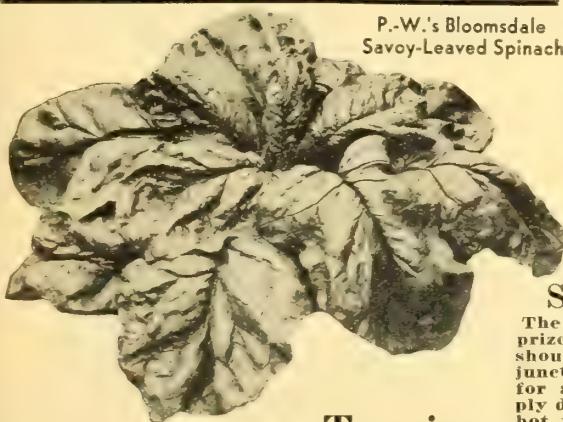
1 pkt. New Viking Spinach  
1 oz. P.-W.'s Improved Long Standing Bloomsdale.

1 pkt. King of Denmark  
1 pkt. Swiss Chard

**25c**

Postpaid

P.-W.'s Bloomsdale Savoy-Leaved Spinach



## Turnips

For early use, sow as soon as the ground can be worked in the spring, in drills twelve to fifteen inches apart, and thin out to six to nine inches in the row. For succession, continue to sow every two weeks until June. For fall or winter crops sow in July or August. One ounce 100 feet, 2 pounds per acre.

**Purple Top White Globe** The Best Flavored and Largest Yielder Grown. Without an Equal

for All Purposes. The flesh is firm, fine grained, white and of most excellent flavor. It is a fine keeper, extensively grown and pitted for fall and winter, and produces enormous crops. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c, postpaid.

**Extra Purple Top Milan**—Earliest turnip in cultivation; flat, smooth, of medium size, with bright purple top and few leaves. Adapted to spring or fall. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c, postpaid.

## Other Good Varieties

Extra Early White Milan....  
Early Purple Top Strap Leaf

Pkt.	oz.	$\frac{1}{4}$ lb.	lb.
5c	10c	25c	75c
5c	10c	20c	60c

Pkt.	oz.	$\frac{1}{4}$ lb.	lb.
5c	10c	20c	60c
5c	10c	20c	60c
5c	10c	20c	60c

Write for prices on all items desired in larger quantities than herein quoted

**King of Denmark** The plants are of rapid growth, resemble the Long season in type but leaves are more crumpled or blistered and are of darker green color. The leaves are thick, stand well after cutting and are of good quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c, postpaid.

## Write for quantity prices Swedes or Rutabaga

Roots should be at least two and one-half feet apart and the plants thinned to eight to twelve inches. Roots frequently grow to be an enormous size. The roots should be taken up before severe frost. Cut off tops within an inch of the crown. Store in a cool cellar or pit. One ounce to 100 feet, 2 to 3 pounds per acre.

**Improved Purple Top**—Remarkable for uniform shape and fine quality; a splendid keeper. Skin smooth; a beautiful yellow color, fine grained. Very sweet and tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c, postpaid.

**P.-W.'s Neckless Yellow Purple Top**—Improved strain of Rutabaga without neck, flesh yellow and fine grained, best of all the yellows. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c, postpaid.

## Swiss Chard

The Spinach Beet so prized for greens, should be sown in conjunction with Spinach for a continuous supply during the extreme hot weather. For details, see page 8.



J.B.R.S.C.

Purple Top Globe Turnip

# SQUASH and Vegetable Marrow

Squash should be planted in warm, light, rich soil, after danger of frost is over. Plant in hills. The bush varieties two to three feet apart each way and the running kinds six to eight feet. One ounce 100 feet, 2 to 3 pounds per acre.



Cocozelle (Italian Veg. Marrow)

## Winter Varieties

**Banana**—Splendid new variety for fall and winter, dark green banana shape 20 to 25 inches long. Pkt., 5c; oz., 15c; 1/4 lb., 50c; lb., \$1.50, postpaid.

**Chicago Warted Hubbard**—Attractive dark green and sweet. Very hard shell insures long keeping qualities. Pkt., 5c; oz., 15c; 1/4 lb., 35c; lb., \$1.25, postpaid.

**Delicious**—In shape resembles the Hubbard; flesh very thick, deep orange color. Pkt., 5c; oz., 15c; 1/4 lb., 35c; lb., \$1.25.

**Golden Delicious**—A canning variety larger than above. Skin golden-yellow. Pkt., 5c; oz., 15c; 1/4 lb., 50c; lb., \$1.50, postpaid.

**Pike's Peak or Sibley**—Large oval fruits, skin in color; flesh golden-yellow, very best quality. Pkt., 5c; oz., 15c; 1/4 lb., 35c; lb., \$1.25, postpaid.

## Offer No. 28

ONE PACKET EACH OF:

Cocozelle, Ey White Bush,  
Table Queen, Chicago Warted  
Hubbard, Delicious and  
Pike's Peak.

**25c**

Postpaid

# TOMATOES

**CULTURE**—For early plants sow in hot beds or boxes early in March, in drills five inches apart, one-half inch deep. When the plants are about two inches high, transplant into another four inches apart each way. Plant out in the open ground as soon as danger from frost is over, four feet apart each way, in hills. One ounce, 1000 plants, two ounces per acre.

## P.-W.'s "King of Earlies"

New blood-red tomato. Very distinct. Not quite as large as the Red Rock but two weeks earlier, ripening about two days after the Earliana, and very much more productive. Twenty days ahead of either Stone or Greater Baltimore. The vine is short-stemmed, unusually healthy and produces very solid, smooth, meaty and most attractive fruit which is round at the bottom, quite free from cracks, with very little cavity at the stem end. (70) Pkt., 10c; oz., 35c; 1/4 lb., \$1.00; lb., \$3.50.

## The Pritchard (Scarlet Topper) Wilt-Resistant

A meritorious new type developed by Dr. Pritchard. It is a development from Marglobe and an earlier type. Fruits are of medium size, solid, and slightly globular, color scarlet with dark red interior, fruiting in clusters of about five each. Should make a splendid variety for canning. (75) Pkt., 10c; oz., 45c; 1/4 lb., \$1.35; lb., \$4.50, postpaid.

**Golden Hubbard**—Warted, golden color. Pkt., 5c; oz., 15c; 1/4 lb., 50c; lb., \$1.50, postpaid.

**Utah Giant Field**—Mammoth size; valuable for stock feeding. Pkt., 5c; oz., 15c; 1/4 lb., 50c; lb., \$1.50, postpaid.

## Summer Varieties

**Cocozelle (Italian Vegetable Marrow)**—Fruits large, oblong shaped, dark green at first but as they mature become marbled with yellow and lighter green stripes. Fine grained, tender and of excellent flavor. Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.25, postpaid.

**Early White Bush (Patty Pan)**—Very early, fruit flat and scalloped, of cream-white color. Delicious flavor. Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.25.

**Table Queen (Acorn)**—This is trailing in habit; acorn shaped fruits, ribbed, smooth, thin shelled dark green, flesh light yellow, sweet flavored. An early maturing variety. Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.25, postpaid.

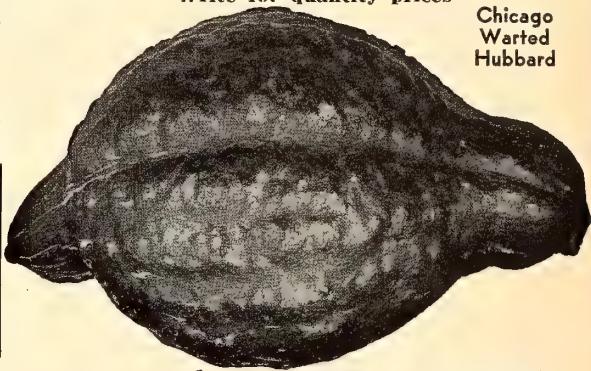
**Long White Vegetable Marrow**—Skin greenish-white; flesh white, soft and of rich flavor. Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.25.

**Yellow Summer Crookneck**—Golden yellow thickly warted, brittle and tender. Pkt., 5c; oz., 10c; 1/4 lb., 40c; lb., \$1.25, postpaid.

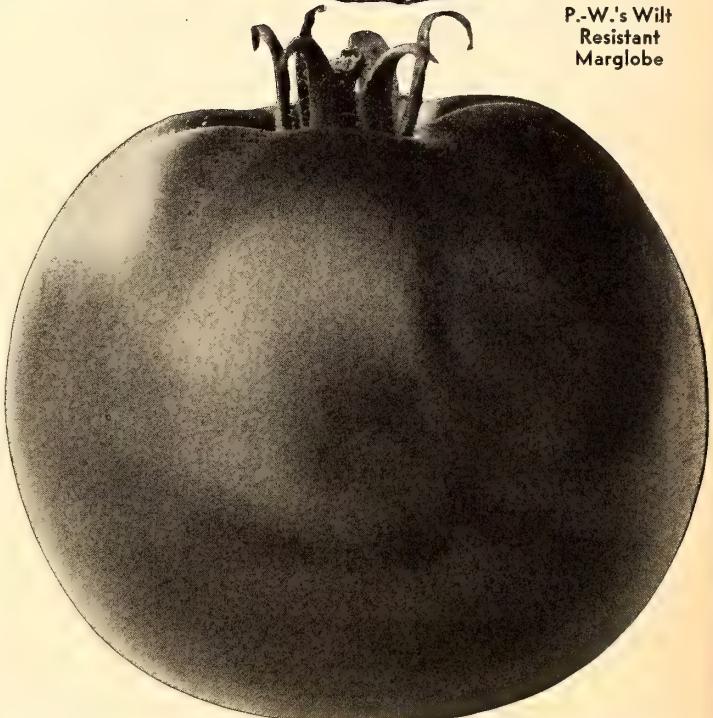
**Zucchini**—Similar to Cocozelle except color is light green with distinct grayish mottling. Prolific, bearing mildly flavored fruit. Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.25, postpaid.

**Write for quantity prices**

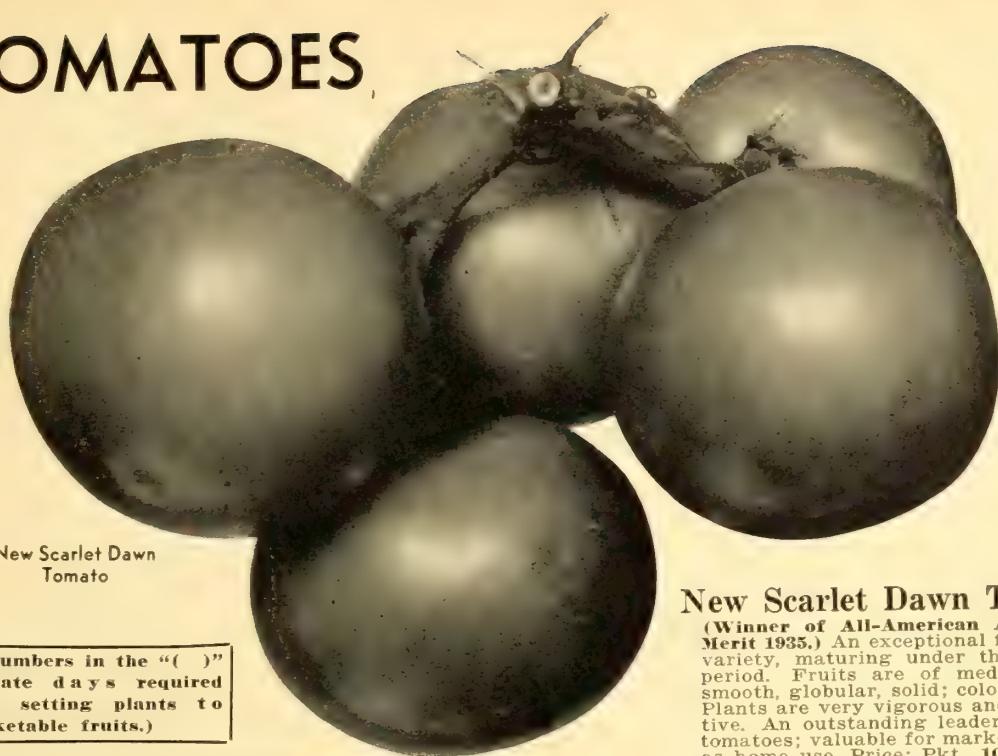
Chicago  
Warted  
Hubbard



P.-W.'s Wilt  
Resistant  
Marglobe



# TOMATOES



New Scarlet Dawn  
Tomato

(Numbers in the "( )" indicate days required from setting plants to marketable fruits.)

## OTHER GOOD TOMATOES

Pkt. Oz.  $\frac{1}{4}$  lb. 1 lb.

### Early Varieties

Avon	Extra early, scarlet. (68)	5c	\$ .35	\$1.00	\$3.50
Bonny Best	Solid, bright scarlet. (74)	5c	.30	.90	3.00
Clark's Early	Medium large, scarlet. (72)	5c	.35	1.00	3.50
Earliana	Medium, bright red. (72)	5c	.30	1.00	3.50
John Baer	Firm, bright red (70)	5c	.30	1.00	3.50

### Main Crop Varieties

Greater Baltimore	Large, red. (82)	5c	.30	1.00	3.50
Livingstone Beauty	Large, pink. (84)	5c	.30	1.00	3.50
New Stone	Large, smooth, scarlet-red. (86)	5c	.25	.75	2.50
Ponderosa	Large, purplish-pink. (88)	5c	.50	1.50	4.50
San Jose Canning	Large, bril. scarlet. (86)	5c	.30	1.00	3.50

### Small Fruited Varieties

Red Cherry	Small, rich scarlet. (73)	5c	.40	1.25	...
Strawberry, Ground Cherry or Husk—	Fruits small, round, yellow. (86)	5c	.40	1.25	...
Yellow Pear	Small, yellow, pear-shaped. (73)	5c	.40	1.25	...

## New Scarlet Dawn Tomato

(Winner of All-American Award of Merit 1935.) An exceptional first early variety, maturing under the 65 day period. Fruits are of medium size, smooth, globular, solid; color, scarlet. Plants are very vigorous and productive. An outstanding leader in early tomatoes; valuable for market as well as home use. Price: Pkt., 10c;  $\frac{1}{2}$  oz., 45c; oz., 80c;  $\frac{1}{4}$  lb., \$2.50, postpaid.

**Marglobe P.-W.'s Wilt Resistant.** A wilt resistant globe-shaped red tomato, desirable wherever a red tomato of superior quality is desired. The fruits are quite large, averaging  $7\frac{1}{2}$  ounces in weight, and are nearly perfect globe-shaped with but little depression at the stem end. The flesh is firm, thick, of first quality, and is only mildly acid. A superior canning tomato. (83.) Pkt., 10c; oz., 45c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.

## P.-W.'s Sunnybrook Earliana

This is a selection from Burpee's Sunnybrook Earliana, which has been recognized as one of the earliest of the red tomatoes. The entire crop ripens about the same time and can be gathered within a period of two to three weeks. (68.) Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.20; lb., \$4.00.

## New Norton Wilt Resistant

This wilt resistant variety—similar to Stone—was introduced by the U. S. Department of Agriculture. Vines make a medium heavy growth and are very productive. Fruits large, flat, and globe shaped, deep cardinal red; solid and of excellent quality. Good for canning and one of the best long distance shippers. (88.) Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.20; lb., \$4.00.

## Garden Huckleberry (Wonderberry)

While classed as a fruit, it belongs in the same family as the tomato, being grown and cultivated in the same manner. It is an annual and produces fruit from seed the first year; is very easily grown and succeeds in any good soil. The seed should be started in boxes or cold frames and set out the same as cabbage and tomatoes and yields great masses of rich fruit all Summer and Fall. The fruit is as large as a grape and jet black when ripe. It is fine for cooking, having a flavor like the Huckleberry and makes delicious pies, jellies, preserves, jams, etc. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

New  
Norton  
Wilt Resistant

# All the Best Annual Flowers



## for This Year's Garden

(See collection offer below)

Annual Flowers Lend Beauty to Shrub Borders

### How to Grow from Seed

All annual flowers are easily and most successfully grown from seed and offer a large field for selection.

**When to Sow** All annuals can be sown in the garden in this vicinity in April and May when the ground is warm either in a seedbed or directly in the spaces where they are to grow. Some annuals, such as Poppies, Eschscholtzia, Mignonette, Centaurea, and the like, cannot be transplanted without a great set-back and should be sown in rows, in the location desired. Most annual flowers, however, benefit by transplanting and are better started in a coldframe or a specially prepared seedbed of rich soil, deeply dug and finely sifted on top. Most seeds are small and can only be covered with about  $\frac{1}{8}$  inch of soil; the very fine seeds are simply pressed into the soil. Water carefully through a fine nozzle, keeping soil moist constantly.

**Care in Summer** Cultivate frequently; hoe your beds often; and stimulate plant growth by applying a top dressing of fertilizer to the soil at frequent intervals. This will keep up a steady, vigorous, healthy growth. Keep seed-pods removed; never allow withered flowers to remain on the plants if you want them to bloom right through the season.

Our packets contain a liberal quantity of Seed.

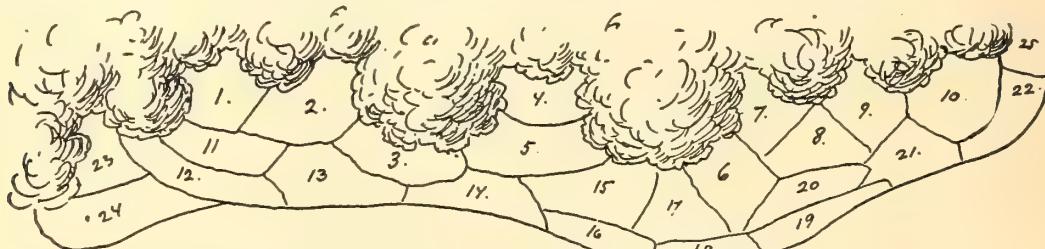
**Indoor Planting** Many annuals, such as Snapdragons, Stocks, Asters, Begonias, Carnations, Celosia, Cosmos, Cobeas, Dahlias, Dianthus, Heliotrope, Lobelia, Pansies, Myosotis, Petunias, Phlox, Salpiglossis, Salvia, Vinca, Verbena, you can have in bloom earlier if you start them in the hotbed. Early March is the best time, except for Lobelias, Begonias, and Stocks, which can be sown as early as February. Plant either directly in the hotbed in shallow drills or in boxes. Special seed-boxes are usually 3 inches high, 12 inches wide, by 24 inches long. The soil should be light, finely sifted, and well watered before sowing. Scatter seeds evenly and press the soil down with a flat board and cover with newspaper to prevent too rapid evaporation. This covering must be removed as soon as the seedlings are up. Always water through a fine nozzle, and only when necessary, with tepid water and as much as possible in the forenoon or midday on bright sunny days, for if the soil is too wet over night, the small seedlings will become chilled and damp or rot off.

**Transplanting** When seedlings have four leaves, transplant in similar boxes 1 inch apart or singly into small pots (paper pots are excellent for this purpose and quite inexpensive) shifting into larger ones if necessary. The earliness of starting the seeds will govern the amount and need for transplanting. Ventilate more or less according to the weather and gradually harden the plants, preparatory to setting them out when all danger of frost is past and the soil is warm.

### ANNUAL FLOWER OFFER NO. 30

Arranged for continuous bloom throughout the summer and autumn months; will also furnish an abundance of cut-flowers for the house.

You can sow all these seeds right in the Border in late April. Mark off the spaces, cover the seed with about  $\frac{1}{8}$  inch of sifted soil, and keep moist until the plants are up and well established. You may have to thin out where plants have come up too thick.

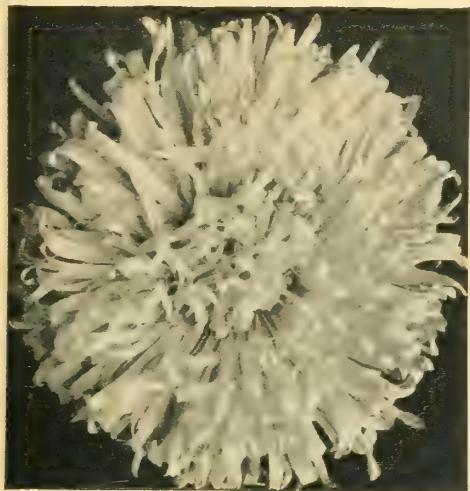


An attractive arrangement for the foreground of shrubbery borders or foundation plantings.

1. Larkspur, Giant Imperial Blue	11. Arctotis, Hybrids	21. Zinnia, Lilliput Red
2. Giant Dahlia-Zinnia, Exquisite	12. Marigolds, Legion of Honor	22. Cynoglossum Amabile
3. Calendula, Chrysanthemum	13. Dimorphotheca aurantiaca	23. Chinese Woolflower, Crimson
4. Cosmos, Early-flowering Pink	14. Phlox Drummondii, Crown Prince	24. Erysimum, Orange Beauty
5. Giant Dahlia-Zinnia, Oriole	15. Lupins, New Giant	25. Aster, American Beauty Rose.
6. Marigold, Guinea Gold	16. Candytuft Lilac	<b>One packet each</b>
7. Lavatera, Rosea	17. Snapdragons, Ey. G't. Scarlet	of above 25 Choice
8. Cornflower, Double Blue	18. Marigold signata pumila	Annuals—Reg. Val.
9. Giant Dahlia-Zinnia, Old Rose	19. Ageratum, Blue Cap	\$2.85. All postpaid
10. Scabiosa, Azure Fairy	20. Phlox Drummondii, yellow	For

\$200

# ASTER—the Queen of Annuals



Super Giant Aster—"Los Angeles"

**Improved California Giant** 3 to 3½ feet high with long, strong stems 18 to 24 inches in length bearing beautifully formed curled and interlaced flowers 5 inches and over across. **Light Blue, Pure White, Purple, Rose and Mixed.**

Any of above—Pkt., 15c; ½ oz., 40c.

**Early Beauty Wilt Resistant.** The outer petals reflex and the center ones curve gracefully inward. Magnificent for cutting.

**White, Carmine-Rose, Purple, Crimson, September Beauty, Rose-Pink, and Mixed.**

Each of the above, pkt., 15c; any 3 pkts. for 35c; ¼ oz., 80c.



New Aurora Aster

**New Aurora** A branching habit, sturdy, and easily grown. Coloring unknown to other types.

**Aurora Yellow** — Golden-yellow; deeper at center.

**Aurora Blue** — Blue with Yellow center. Either of above, pkt., 20c ½ oz., 75c.

## New Super Giant Aster—"Los Angeles"

A new Aster which promises to supersede all other strains for cut flower use. Same general habit as the older type "Giants of California," but earlier and much larger, hence the name, **Super Giant**. Color, **pure shell pink**, heretofore entirely lacking in the Giants of California. The stems are strong and unusually long, while no disbudding is necessary due to the non-lateral habit. Price: Pkt., 25c; ½ oz., 80c.

**Red Aster "Sensation"** This is the reddest of all red Aster, the color being a rich garnet or ox-blood red which glistens in the sunshine like a live coal. The plants are of free-branching habit, and about 18 inches high. The very double flowers, averaging 3½ inches across, are borne freely on stems a foot long from early August till the close of September. Pkt., 15c; ½ oz., 45c.

**Heart of France Aster** This is the largest flowering of the very dark red sorts; plants grow about 24 inches high, nicely branched, bearing in September their large, rich, deep ruby-red flowers on long strong stems: a fine dark variety. Pkt., 15c; ½ oz., 35c.

**Giant Mammoth Peony Flowered** The flowers are immense, very double, borne on long, stout stems, free from laterals. Splendid for cutting as they keep longer than any other variety.

**Azure Fairy** — Clear azure blue. **Maiden's Blush** — Delicate flesh. **Silver Rose** — Lavender pink, tipped white. **Peach Blossom**. **Swan's Down** — Pure white. **Mixed Colors**.

Any of above, pkt., 20c; ½ oz., 65c.

**Royal (Early Flowering, Wilt Resistant)** — The stems growing directly from the ground and not on side-shoots from the main stem like other varieties. Second early in season. 28 inches. **White, Rose, Pink, Lavender, Purple.**

Any of above—Pkt., 15c; ½ oz., 35c

## P.-W.'s Giant Branching (Wilt Resistant)

Beautiful cutflowers. The branching habit is accompanied with great vigor of growth and profusion of bloom.

**White, Peachblossom, Flesh-Pink, Rose-Pink, Crimson, Blue, Purple and Mixed.**

Each of the above, pkt., 10c; any 3 pkts., for 25c; ¼ oz., 65c.

## Queen of the Market (Wilt Resistant)

The best early aster, usually in full bloom two weeks before most other sorts begin to blossom.

**Mixed, all colors** — Pkt., 10c; ¼ oz., 50c.

**Giant Crego Wilt Resistant.** The flowers measure four to five inches in diameter, and are borne on stems twelve inches or more in length. Their lasting qualities when cut are unsurpassed.

**White, Shell - Pink, Rose - Pink, Crimson, Dark Blue, Purple and Mixed.**

Each of the above, pkt., 10c; any 3 pkts., for 25c; ¼ oz., 65c.

**Asters, Dwarf Mixture** — A good mixture Dwarf of types. Pkt., 10c; ¼ oz., 25c.

**Asternum** An attractive and descriptive name for a new race of asters which belong to the Comet family.

**Mixed, all colors** — Pkt., 10c; ¼ oz., 50c.

## Aster Collection Offer No. 31

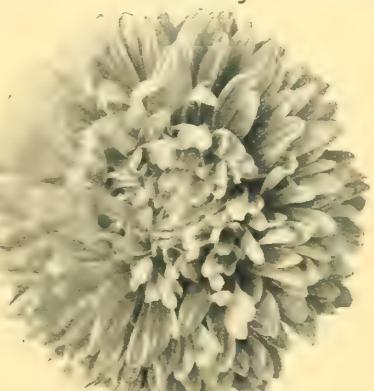
1 pkt. each mixed colors of California Giants — Beauty, Crego; P.-W.'s Branching, Aurora, Gt. Sunshine, Peony Flowered, Royal, Queen of the Market, and Asternum. 10 pkts. in all.

(Regular value, \$1.40)  
All for

**\$100**



Giant Crego



New Peony Flowered Aster "Silver Rose"

# Novelties, Specialties in Annuals



Improved Giant Sunshine Aster

**Dianthus Laciniatus Splendens**  
Free flower-ing and easily grown. This sterling novelty is the most striking Dianthus we have ever offered. The flowers are very large, over two inches across, in a brilliant shade of crimson, with a large boldly contrasting glistening white eye. Pkt., 15c;  $\frac{1}{8}$  oz., 40c.

**Calendula Orange Shaggy** (Gold Medal Winner All-American Selection 1935)—This is a new laciniated petaled type. It is exceedingly attractive as illustrated by cut. Color is orange. Truly outstanding; especially desirable for home gardens. The most graceful and unique variety in its class. Pkt., 15c;  $\frac{1}{8}$  oz., 40c.

## Eschscholtzia Ramona Hybrids Finest Mixed

Flowers beautifully frilled and fluted.

Petals incurving forming a flower which at first glance appears double. The plants are more dwarf and compact and attractive in appearance than the regular strains. Completely covered with bloom. Pkt., 15c;  $\frac{1}{8}$  oz., 45c.

**Godetia Duke of York** This is a glistening rich scarlet, edged with white. A very outstanding variety in this class. A truly wonderful flower for either garden or cutting. Pkt., 15c;  $\frac{1}{8}$  oz., 45c.



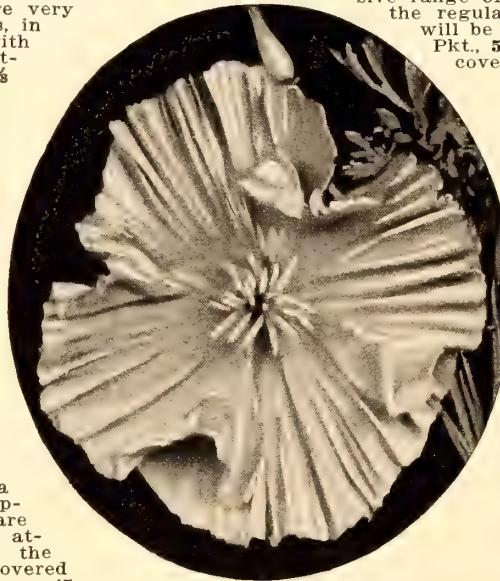
Dianthus Laciniatus Splendens

## Improved Giant Sunshine Aster

Flowers 4 inches and more across, borne on strong stems 18 to 20 inches long. The outer petals are varying shades of pink, rose, blue, and lavender with centers of tiny quills of contrasting color. The plants grow 2 1/2 ft. tall and flower in midseason. The large colorful blooms always are a great attraction. No finer Aster for cutting.

**Mixed Colors** — **New Pansy Improved Roggeli's Giants No. 103** This is an improvement on the old strain of Roggeli's Giant. While the parent stock is large, this strain is a giant in size, measuring 3 1/4 inches across. Characteristic bold blotches and extensive range of color. Planted side by side the regular strain, a great difference will be noted in this improved type.

Pkt., 20c;  $\frac{1}{8}$  oz., 65c. Pkt., 50c; 3 pkts., \$1.35. (See front cover of catalog for color plate.)



Eschscholtzia Ramona Hybrids

## Novelty Collection Offer No. 32

One packet each of Giant Sunshine Aster, Dianthus Laciniatus Splendens, Calendula Orange Shaggy, Godetia Duke of York, Petunia New Rose Gem, and Pansy New Improved Roggeli's Giants No. 103. (Reg. price, \$1.55.) All for \$1.25



Godetia Upright Single Duke of York

**Petunia New Rose Gem** (Award of American Merit All-American Selection 1935)—A most charming new miniature petunia. The plant is neat and compact 5 to 6 inches high and smothered through the season with rich rose colored bloom about two inches in diameter. Pkt., 25c; 3 pkts., 65c.

The Entire List of Flower Seed Is Postpaid. You are as close to us as your Postoffice.



Calendula Orange Shaggy



### Aster, El Monte

New Super Giant  
Immense Early Flowering Novelty.  
Pkt., 25c.

### Nasturtium "Golden Gleam"

Double Sweet Scented  
The Most Talked of Novelty in  
Recent Years. Entire plant,  
including the runners, is a  
blaze of color. The large,  
double, sweet-scented golden  
- yellow flowers average  
two and one-half to three  
inches across. They are  
borne on erect stiff stems  
six inches in length. Pkt.,  
10c; oz., 20c;  $\frac{1}{4}$  lb., 60c.



(Above)  
Nasturtium  
Double "Golden Gleam"  
(Below)  
"Los Angeles"  
Giant Imperial Larkspur

### New Larkspurs Giant Imperial

Los Angeles Excellent cut  
flower, particularly lovely under artificial light.  
Color, rich salmon overlaid with  
rose. (See cut.)

Blue Bell—Fine clear blue.  
Carmine King—Deep carmine.  
Daintiness—Delicate lavender.  
Exquisite Rose—Rose pink.  
Lilac Spire—Lilac.  
Peachblossom—Light pink.  
White Spire—Dazzling pure white.  
Giant Imperial Mixed — The above  
and others.

Price—Any of the above. Pkt., 15c;  
any 3 pkts. for 40c;  $\frac{1}{4}$  oz., 35c.



## THESE NEW FLOWERING ANNUALS— "REAL THRILLS" For Your 1936 Garden

### Collection Offer No. 33

Consists of 1 packet  
each of the five  
new annuals shown  
on this page.  
(Regular Value 95c)

75c  
Postpaid

### New Rust Proof Snapdragons

(University of California Mixture)

We are happy to be able to offer a most  
excellent Mixture of Rust Proof Antirrhinums,  
a most marvelous blooming strain  
containing a wonderful range of the  
popular colors. **Winner of Certificate of  
Honor in 1935 All-American Selections.**  
Pkt., 25c.



NEW  
RUST PROOF  
SNAP-  
DRAGONS  
University of  
Calif. mixture.  
Pkt., 25c.



NEW  
KLONDYKE  
ORANGE  
FLARE  
Early Cosmos  
Pkt., 20c

Early Cosmos  
Pkt., 20c



### New Cosmos Klondyke Orange Flare

Gold Medal Winner 1935. Grand Champion

A lovely orange colored Cosmos flow-  
ering before frost. At last we have an  
early flowering strain which may be en-  
joyed by all, even in high altitudes. The  
color is the same vivid orange, with attrac-  
tive light green foliage. You will  
enjoy this beautiful novelty. Pkt., 20c;  
3 pkts., 50c.



# NEW FLOWERS

FOR YOUR GARDEN  
THIS YEAR

## Zinnia, Tom Thumb Mixture

The dwarfest zinnia known, rounded and compact, 4 to 6 inches high, literally covered with well formed flowers of red, orange, yellow, pink, rose and other pastel shades. Pkt., 15c; 2 pkts., 25c.

## Zinnia, New Desert Gold

You will enjoy this fascinating new zinnia. The yellow and gold shades are overlaid, giving a charming bi-color combination. Pkt., 15c; 2 pkts., 25c.



Fantasy

## Zinnia Fantasy Finest Mixed

Award of Merit All-American 1935

As cut indicates, the flowers are informal, shaggy, and graceful. The color range includes brightest shades of red, yellow, and orange as well as the pastels. Packet, 20c.



New Dixie Sunshine Marigold

## Dwarf Dbl. Golden Globe Nasturtium

Award of Merit All-American 1936

Identical in color with the popular Golden Gleam; its habit and trueness to type also compare favorably with that favorite. Uniformly dwarf and compact, free flowering, and the well-formed double flowers of deep golden yellow are delicately sweet scented. An excellent dwarf counterpart to Golden Gleam. Pkt., 25c.



Double Gleam Hybrids

## Nasturtium, Double Gleam Hybrids

These Hybrids are gorgeously colored, large, well formed flowers of dazzling beauty. Colors certainly never dreamed of before in a double nasturtium abound in profusion. Same habits of growth and blooming qualities as Golden and Scarlet Gleam. Pkt., 10c; 3 for 25c.

## Nasturtium, Double Scarlet Gleam

A fiery orange-scarlet, very double, immense size, almost three inches across, much larger than any Nasturtium ever known and delightfully fragrant. Plants are semi-dwarf, free-flowering with long stems, flowers well above foliage, a solid mass of color. Price, pkt., 15c; 3 pkts., 40c.

## New Dixie Sunshine Marigold

Award of Merit 1936

The plant is tall and stately, richest and finest foliage of all marigolds. 100 per cent double golden yellow flowers. Lasts ten days or longer when cut. The most floriferous without the objectionable marigold odor. Packet, 25c.

## Collection Offer No. 34

of Three Splendid New Annuals

1 pkt. each of New Dixie Sunshine Marigold, Dwarf Double Golden Globe Nasturtium, and Fantasy Zinnia Mixed.

**50c**

Postpaid

# Gorgeous, Colorful Annuals



Arctotis—New Hybrids

## Arctotis

(African Daisy)

**Grandis**—Forms branched bushes 2 to 3 feet high; flowers are large, pure, white on the upper surface, the reverse of petals pale lilac-blue. Pkt., 10c;  $\frac{1}{4}$  oz. 25c.

**New Hybrids** A new class, producing a brilliant array of bronze red, rose cream, yellow, and salmon shades throughout the hot summer season. Pkt., 20c; 1/16 oz. 60c.

## New Early Giant Flowered Snapdragons

(Antirrhinum)

This class is the very newest development in Snapdragons; unquestionably it excels. Colors are uniformly fixed and true, height about two and one-half feet. They flower three weeks earlier and are in full bloom one month earlier and develop more flowers at one time on the spike than any other variety of Snapdragon: healthy robust and wilt-resistant.

**Early Brilliant Rose**, rose-pink.

**Early Golden King**, bright yellow.

**Early Queen Victoria**, pure white.

**Early Scarlet Defiance**, bright red.

**Early Mixed**, all colors.

**Any of the above**, pkt., 15c; 1/16 oz., 30c.

**Giant Tall Maximum Snapdragons**

36 to 48 inches. A marked advance in size and brilliancy of color. The flowers are closely placed on the stems, each bloom measuring 2 to 3 inches.

**Apple Blossom**—Delicate pink.

**Copper King**—Coppery scarlet.

**Canary Bird**—Canary yellow.

**Defiance**—Brilliant scarlet.

**Old Gold**—Deep golden-yellow.

**Purple King**—Rich purple.

**The Rose**—Rose pink.

**Wallflower**—Burnt orange, copper.

**Snowflake**—Pure snow-white.

**Each of above**, pkt., 15c;  $\frac{1}{4}$  oz., 35c.

**Giant Flowered**—Mixed. All the above and others, pkt., 15c;  $\frac{1}{4}$  oz., 40c.



Semi Dwf. Snap.

## Semi-Dwarf Snapdragons

This class of plants grows about 18-20 inches high and are splendid for mass effects in the garden, as well as cut flowers.

**All Colors Mixed**—Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**New Rust Proof Snapdragons**—See color plate, page 33.

## Amaranthus

Brilliant foliaged, three feet high; thrive in a hot, sunny location.

**Tri-Color (Joseph's Coat)**—Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

**Molten Fire**—Rich maroon foliage crowned with fiery crimson top-leaves. Gives a magnificent display until late fall; 4 feet tall. Pkt., 20c;  $\frac{1}{4}$  oz., 55c.



Ageratum Blue Cap

## Ageratum

**Album**—White. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Dwarf Blue Cap**—The best dwarf plants are tiny mounds of flowers; large, compact, deep rich blue. Pkt., 20c;  $\frac{1}{4}$  oz., 50c.

**Mexican Coeruleum**—18 in. Beautiful soft lavender-blue. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Nanum, Blue Perfection**—9 inch. The darkest Ageratum growth from seed. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.



Alyssum Little Gem

## Alyssum

**Benthami Maritimum (Sweet Alyssum)**—Flowers white, honey scented. Blooms early and continues until frost. Pkt., 10c;  $\frac{1}{4}$  oz., 15c; oz., 25c.

**Little Gem**—Very dwarf and completely covered with snowy-white blossoms. Pkt., 10c;  $\frac{1}{4}$  oz., 25c;  $\frac{1}{2}$  oz., 40c.

**Lilac Queen**—Delicate lavender flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

## Acroclinium

**Roseum**—2 feet. A pretty Everlasting, bearing daisy-like flowers, pretty bright rose with yellow center, which can be dried. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**Double Mixed**—Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**Single Mixed**—Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

## Double Balsam

Produces gorgeous masses of brilliant double flowers in profusion.

**Double Rose and Camelia-flowered Mixed**—Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Dwarf Mixed**—8 inches, perfect little bushes with double and semi-double flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.



Early Giant Snapdragon

## Balloon Vine

**Love in a Puff**—A clean, free-growing vine reaching 10 to 15 feet, bearing numbers of large, round, inflated seedbuds resembling miniature balloons. Pkt., 5c; oz., 25c.

## Browallia

**Speciosa Major**—1 ft. high. Most brilliant blue; does well outside or in hanging baskets or vases. Pkt., 25c.

## Candytuft

They soon flower from seed and remain long in bloom.

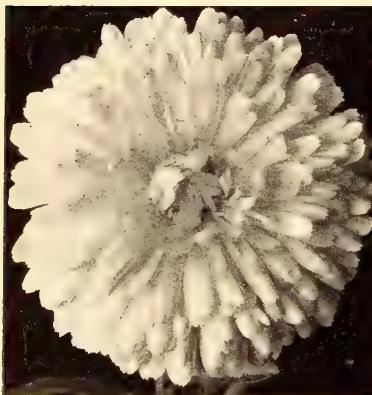
**Giant Hyacinth-Flowered White**—1 foot. A grand border plant, bearing very large, bold spike of snowy white flowers, habit sturdy and compact. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

**Dwarf, Hybrids, Mixed**—Plants of fine, compact growth, covered with large flowers ranging in color from rose, salmon, coral-pink and delicate blush to lilac and purple crimson. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.



Gt. Hy. Candytuft

# P.-W.'s ANNUALS—Old and New



Calendula Chrysanthemum

blooms. Most attractive. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Sensation (Campfire)**—Very double, brilliant orange flowers with a beautiful sheen of crimson or scarlet. Pkt., 15c;  $\frac{1}{4}$  oz., 50c.

**Orange King (Select)**—Rich orange; 20 inches. Pkt., 10c;  $\frac{1}{2}$  oz., 30c.

**Double Giant—Mixed, all colors**—Pkt., 5c;  $\frac{1}{2}$  oz., 15c.

**Calliopsis Crown of Gold (Coronata Maxima)**—Splendid cut flower. Pure golden-yellow, 2 inches across on long, wiry stems; hardy and blooms nearly all season. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

**Drummondii Golden Wave**—2 ft. Flowers yellow with a circle of rich crimson-brown around the eye. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**Tall Varieties, Mixed**—Valuable for wild gardens, and for cutting. Pkt., 5c;  $\frac{1}{2}$  oz., 25c.

**Canary Bird Vine** A dainty vine with beautiful cut leaves and pretty, delicate flowers of a clear canary-yellow. Does well in shade. 15 to 20 feet. Pkt., 10c;  $\frac{1}{2}$  oz., 25c.

**Dwarf Varieties, Mixed**—Valuable for small mixed beds and borders. Pkt., 5c;  $\frac{1}{2}$  oz., 30c.

**Cardinal Climber** A very attractive, strong and rapid grower, attaining a height of 25 feet, with beautiful fern-like laciniate foliage and literally covered with a blaze of fiery cardinal red flowers from midsummer to frost. Pkt., 25 seeds, 15c;  $\frac{1}{4}$  oz., 30c.



Clarkia Enchantress

rose, and white. Pkt., 15c; 1/16 oz., 40c.

**Celosia (Coxcomb)** **(Crested Dwarf Sorts)** **President Thiers**—Fine dwarf habit, with bronze foliage, and large handsome velvety crimson combs. Pkt., 10c;  $\frac{1}{2}$  oz., 40c.

**Dwarf Mixed**—Pkt., 10c;  $\frac{1}{2}$  oz., 30c.

## Calendula

**(Scotch Marigold.)** Important and popular flowers for a garden display from early summer until frost.

**Orange Shaggy** (see Novelties, page 32).

**Chrysanthemum Sunshine**—Large, clear buttercup yellow, long loosely arranged petals resembling Chrysanthemums. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Radio (Golden Beam)**—Beautifully quilled, rich orange or a range

**of colors**—Pkt., 10c;  $\frac{1}{2}$  oz., 30c.

**Double Giant—Mixed, all colors**—Pkt., 5c;  $\frac{1}{2}$  oz., 15c.



Carnation, Giant Margaret

**Scandens Cathedral Bells**—30 ft. One of the handsomest and rapid growing climbers. The flowers are bell-shaped and open a clear green but turn a beautiful purplish lilac. Seed should be sown edgewise. Very vigorous and prolific bloomer. Pkt., 10c;  $\frac{1}{2}$  oz., 25c.

**New Annual Canterbury Bells**



Celosia Cristata Dwarf

**Chrysanthemum (Summer)** **Summer Chrysanthemums** are showy and effective garden favorites.

**Finest Mixed Single**—Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**Finest Double Mixed**—Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**Clarkia** Clarkias are summer annuals perfectly hardy, and can be grown in ordinary soils. 2 feet.

**Apple Blossom**—Double, pink.

**Enchantress**—Orange shading to pink.

**Salmon Queen**—Double salmon pink.

**Brilliant**—Double crimson scarlet.

**White Prince**—Double, pure white.

**Finest Double Mixed, all colors**—Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

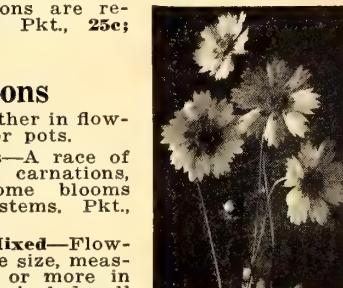
**Each of above**—Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

## Cobaea

**Scandens Cathedral Bells**—30 ft. One of the handsomest and rapid growing climbers. The flowers are bell-shaped and open a clear green but turn a beautiful purplish lilac. Seed should be sown edgewise. Very vigorous and prolific bloomer. Pkt., 10c;  $\frac{1}{2}$  oz., 25c.

**Coleus** The handsomest foliage plant obtained from seed. The leaves are heart-shaped and handsomely crimped, toothed and frilled; their color combinations are remarkably rich. Pkt., 25c; 1/32 oz., \$1.00.

New Annual Canterbury Bells



## Carnations

Easily grown either in flower-beds, borders or pots.

**American Hybrids**—A race of large-flowered carnations, bearing handsome blooms on long, wiry stems. Pkt., 35 seeds, 25c.

**Giant Margaret Mixed**—Flowers of very large size, measuring 3 inches or more in diameter; colors include all the shades of white, pink, crimson and striped. Pkt., 100 seeds, 15c.

Caliopsis

# Wealth of Color for your GARDEN



Centaurea Cyanus

Edging blue. Each of the above, pkt., 10c;  $\frac{1}{4}$  oz., 20c.

## Centaurea

**Cyanus (Bachelor's Button or Cornflower)**—2 feet. One of the most valuable blue flowers for the border. Re-seeds itself and may be used for naturalizing purposes. The double flowers are best.

### Double Flowering Varieties:

White,  
Blue,  
Pink and  
Rose  
Shades,  
Purple,  
Double,  
Mixed,  
Dwarf,  
Victoria,  
9 - inch



### Godetia Tall Double Centaureas

(Dusty Miller's for Bedding.)

**Candidissima**—10 in. thick silvery white leaves. Should be sown early. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Gymnocarpa**— $\frac{1}{2}$  to 2 ft. Foliage finely gray color. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

### Godetia

The plants bloom profusely and bear showy flowers of satiny texture in a rather poor soil. 1  $\frac{1}{2}$  feet.

**Double Mixed**—Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

**Imperialis (Sweet Sultan)**—White, Dark Lilac, Brilliant Rose, Purple, Crimson, Deep Lavender, mixed colors. Each of the above, pkt., 10c;  $\frac{1}{4}$  oz., 25c.



Double Cosmos, Anemone Fl.

**Dwarf Sorts Mixed**—Neat globular, about 10 inches in height. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Godetia, Duke of York**—See page 32.



Dimorphotheca  
Aurantiaca

**White Queen, Pink Beauty, Mixed.** Each of the above, pkt., 15c;  $\frac{1}{4}$  oz., 50c.

**Double Early Flowering**—Height about three feet forming a perfect bush, massed with bloom, bearing beautiful double flowers of good size, long stems. Best mixed. pkt., 20c;  $\frac{1}{4}$  oz., 75c.

**New Early Klondike**—see p. 33.

## Cosmos 4 to 6 feet

**Early Flowering Single Mammoth**—White, pink, crimson. Mix, all colors. Each of the above, pkt., 10c;  $\frac{1}{4}$  oz., 20c.

### Late Giant Single Flowered

Crimson, White, Pink and Mixed. Each of the above, pkt., 10c;  $\frac{1}{2}$  oz., 25c.

**Late Double Flowered**—These differ from the other cosmos in the formation of the center of the flower, which develops

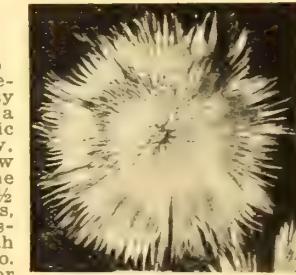
a crown or crest like an anemone, the guard petals remain the same. Crimson.



Gaillardia

## Dahlias

As easy to grow from seed as Nasturtiums; the double sorts will bloom the first season if seed is sown before the beginning of April; the single sorts will bloom from seed sown in the open grounds as late as June, although an earlies start is better. **Double, All Types, Best Mixed**—Pkt., 15c;  $\frac{1}{8}$  oz., 65c. See pages 59-61 for Dahlia Roots.



Sweet Sultan  
(Centaurea Imperialis)

## Gaillardia (Blanket Flower)

From early spring until late fall a continuous profusion of brilliantly colored flowers. Sow where they are to remain.

**Amblyodon**—Deep red. Pkt., 10c;  $\frac{1}{4}$  oz., 40c.

**Pieta Single Mixed**—Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Lorenziana Double Perfection Mixed**—Large handsome heads of double quilled flowers in rich shades offered and yellow. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.



Dahlia

## Cypress Vine

10 feet  $\frac{1}{8}$  oz.

It has a profusely of scarlet or white star-shaped blossoms, and its finely cut foliage is particularly ornamental.

**White, Scarlet and Mixed**— $\frac{1}{4}$  oz., 20c; pkt., 10c.

## Erysimum

(Fairy Wallflower)

**Perofskianus (Orange Beauty)**

A pretty annual, growing about 18 inches high, bearing throughout the summer dense racemes of brilliant orange-yellow wallflower-like flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

## Dianthus (Pinks)

A popular annual variety distinguished for brilliant, contrasting colors appearing in each flower.

**Best Single Mixed**—Embracing many single types in good color assortment. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**Best Double Mixed**—Selection of the best double pinks in cultivation. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**New Crimson Lacinatus Splendens**—see page 32.



## Euphorbia

**Variegata (Snow on the Mountain)**—The flowers are inconspicuous; the foliage, however, is attractive; veined and margined with white; 2 feet. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

## Cynoglossum

**Chinese Forget-Me-Not Amabile**—Large sprays of rich blue, Forget-Me-Not-like flowers borne profusely from June until September. It thrives in dry hot locations, where few other flowers make such a fine show. 20 inches. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

Dianthus Single

# ANNUAL Flowers-Glory of Garden



Kochia, Stock Flowered

## Escholtzia (California Poppy)

Sow the seed where the plants are to remain. **Carmine King**—Beautiful carmine-rose color. Pkt., 10e;  $\frac{1}{4}$  oz., 25c.

**Golden West**—Bright yellow and orange. Pkt., 5e; oz., 30c.

**Mandarin**—Inner side of the petals rich orange, the outer brilliant scarlet. Pkt., 10e;  $\frac{1}{2}$  oz., 35c.

**Ramona Hybrids Mixed**—(See p. 32, novelty.)

**Mixed, all colors**—Many shades. Pkt., 10e; oz., 35e;  $\frac{1}{4}$  lb., \$1.00.

**Double and Semi-Double Mixed**—Pkt., 10e;  $\frac{1}{4}$  oz., 30e.

## Heliotrope

Favorite on account of its delightful fragrance. Seed sown in the spring makes fine plants for bedding out and are as easily grown as Verbenas.

**Mammoth Mixed**—Large flowers, ranging in shade from dark blue to lilac. Pkt., 10e;  $\frac{1}{4}$  oz., 35c.

## Hollyhocks (Annual)

These annual kinds, however, bloom the first year. Height 5 feet.

**Everblooming Single Mixed**—Large single flowers, exhibiting every shade known in Hollyhocks. Pkt., 10e;  $\frac{1}{4}$  oz., 30c.

**Everblooming Double Mixed**—Double and semi-double. Pkt., 10e;  $\frac{1}{4}$  oz., 35e.



Kochia (New Giant)

## Gypsophila

**Elegans Grandiflora Alba (Angel's Breath)**—Two feet. Large, pure white. Several sowings should be made to keep up a supply. Pkt., 10e; oz., 25c.

**Elegans Delicate Pink**—A pretty blush pink form of the above. 18 inches. Pkt., 10e; oz., 30c.

## Hunnemannia

**Fumariaefolia (Bush Escholtzia, or Yellow Tulip Poppy)**—1  $\frac{1}{2}$  ft. Plants grow bushy, large cup-shaped flowers 3 inches across on stems 12 inches long. Clear, bright yellow, the petals are broad and crinkled, like crushed satin. The cut blooms keep in water two weeks. Pkt., 10e;  $\frac{1}{4}$  oz., 25c.

## Grasses

**Ornamental Annual Mixed**—2 to 5 feet. These are most useful for winter bouquets when combined with Everlasting flowers. They are easily grown in any soil. Pkt., 10e;  $\frac{1}{4}$  oz., 30c.

## Gourds

Most sorts are good for 20 to 30 feet in a season, and the blooms of some are quite striking and handsome.

**Small Fruited Varieties, Mixed**—Pkt., 10e; oz., 30c.

**All Varieties, Mixed**—Pkt., 10e; oz., 30c.

## Helichrysum (Strawflower)

Helichrysums are an ornament to the garden when growing and are everywhere prized for the winter bouquets.

**Mixed, all colors**—Pkt., 10e;  $\frac{1}{4}$  oz., 30c.

## Lavatera

**The New Giant (Summer Cypress, Burning Bush)**—Grows 2 to 2  $\frac{1}{2}$  feet high and resembles a close-clipped ornamental evergreen. In Autumn becomes blood-red, whence the name of Burning Bush, etc. Pkt., 10e;  $\frac{1}{2}$  oz., 30c.

## Lantana

**Hybrida, Mixed**—2 ft. Shrubbery plant with Verbena-like flowers in shades of white, red and yellow. May be grown in pots or set out in summer, remains in bloom late in autumn. They have an agreeable aromatic perfume. Pkt., 10e;  $\frac{1}{4}$  oz., 30c.

## Larkspur

Sow seed in the open border either in early spring or late fall so germination may take place very early.

**New Giant Imperial Larkspurs**—(See page 33.)

**Double Stock-Flowered Larkspur**—(3 to 4 ft.) Graceful and attractive in the garden and wonderful cut flowers.

**Dark Blue, Exquisite Pink, Lilac, Carmine, Sky Blue and White, "Los Angeles" (Salmon Pink.)** Each of the above, pkt., 10e;  $\frac{1}{4}$  oz., 30c.

**Mixed, all Colors**—Pkt., 10e;  $\frac{1}{4}$  oz., 20e; 1 oz., 70e.



Escholtzia (California Poppy)

## Lavender Lace Flower

Showy and effective, covered during the entire summer with bloom. (2  $\frac{1}{2}$  feet.)

**Splendens Alba**—Large, silky, white flowers. Pkt., 10e;  $\frac{1}{4}$  oz., 20c.

**Splendens Rosea**—Very large, bright rose flowers. Pkt., 10e;  $\frac{1}{4}$  oz., 20c.

## Lavender Lace Flower

**Didiscus coeruleus**—3 feet. Long-stemmed lavender flowers; look like blossoms of Queen's Lace Handkerchief. A constant bloomer. Sow in May in partial shade where it is to remain. Pkt., 10e;  $\frac{1}{8}$  oz., 25c.

## Leptosyne

(Yellow Daisy)

**Stillmani**—Blooms early and continuously for many weeks. Beautiful Daisy-like flowers of a pure golden yellow carried on plants growing 20 in. tall. Pkt., 10e;  $\frac{1}{4}$  oz., 40e.

## Linum

**Grandiflorum Rubrum (Crimson Flax)**—2 feet. Brilliant glowing crimson-rose. Blooms from May to October if sown successively. Pkt., 10e;  $\frac{1}{4}$  oz., 25c.

## Lobelia

Highly desirable for edgings, ribbon bedding and garden decoration as well as for pot culture.

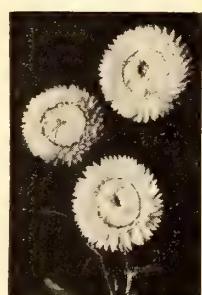
**Crystal Palace Compacta**—6 in. Rich, deep blue; dark foliage; the finest for bedding.  $\frac{1}{8}$  oz., 45c; pkt., 10e.

**Gracilis**—Light blue; light green foliage; trailing.  $\frac{1}{8}$  oz., 40e; pkt., 10e.

**Mixed Dwarf**—pkt., 10e;  $\frac{1}{8}$  oz., 25c.

## Lunaria (Honesty)

**Annuus (Biennis) (St. Peter's Penny)**—Flowers purple, followed by silvery seed pods, prized for winter decoration. Annual but readily self-sows. Pkt., 10e;  $\frac{1}{4}$  oz., 25c.



Helichrysum



Gypsophila Elegans

# Add Color, Beauty with ANNUALS



Lupinus, New Hartwegi Giants

## Lupinus

**Annual Mixed**—Pkt., 10c; oz., 30c.  
**New Hartwegi Giant Lupinus**—

All-American selections 1933. A marked improvement over the older type. Grows 3 to 4 feet tall; branches from the base; has 4 to 6 spikes to a plant with larger, more profuse blooms. **Mixed Colors**—Pkt., 15c;  $\frac{1}{2}$  oz., 25c.

## Marigold (Tagetes)

**New Guinea Gold**—Graceful, of pyramidal habit, 2 to 2½ feet high, and producing 30 to 40 flowers, 2 to 2½ inches across, of a brilliant shade of orange flushed with gold. Pkt., 10c;  $\frac{1}{2}$  oz., 30c;  $\frac{1}{4}$  oz., 50c.

**African Orange Alldouble**—All double, identical in every respect to Orange Prince, has come almost one hundred per cent double. Pkt., 15c;  $\frac{1}{2}$  oz., 35c.

**African Lemon Alldouble**—Identical to Orange Alldouble excepting in color which is a clear lemon yellow. Pkt., 15c;  $\frac{1}{2}$  oz., 35c.

**African Tall Mixed**—Extra large double flowers. Pkt., 10c;  $\frac{1}{2}$  oz., 20c.

**Double Dwarf Mixed**—15 in. Pkt., 10c;  $\frac{1}{2}$  oz., 25c.

**French Gold Striped**—10 in. Velvet maroon, striped gold. Pkt., 10c;  $\frac{1}{2}$  oz., 20c.

**Tall French "Royal Scot"** (see cut)—Well formed small double flowers on plants from 24 to 30 inches in height. A charming combination of mahogany and gold in symmetrical stripes which radiate from the center of the flower. Pkt., 10c;  $\frac{1}{2}$  oz., 35c.

**Dwarf French Mixed**—Low bushes, covered with small flowers. Pkt., 10c;  $\frac{1}{2}$  oz., 30c.

### Single Dwarf Varieties

**Legion of Honor**—Flowers rich golden-yellow, marked with velvety-brown. Best for edging. Pkt., 10c;  $\frac{1}{2}$  oz., 25c.

**Signata Pumila**—A dwarf, compact, bushy plant, with beautiful, delicate fern-like leaves, densely covered with flowers of bright golden-yellow. Pkt., 10c;  $\frac{1}{2}$  oz., 40c.

## Mirabilis

### (Marvel of Peru or Four O'Clocks) 2 Feet

This is another good old-fashioned flower of bushy habit, bearing hundreds of flowers during the season of white, yellow, crimson and violet. **Mixed, all sorts and colors**—Pkt., 5c; oz., 20c;  $\frac{1}{2}$  lb., 50c.

**Dwarf Mixed**—12 in. Pkt., 10c; oz., 30c.

**Sweet-Scented (Longiflora Alba)**—White. Pkt., 10c; oz., 40c.



Marigold Signata Pumila (Tagetes)

## Morning Glories

**Heavenly Blue** **Early Flowering Rubro Coerulea**—Finest of all morning glories; flowers measure 3½ to 4 inches across; deep blue with white throat. They blossom profusely and for a long season, opening in the morning and facing the sun. Pkt., 20c;  $\frac{1}{2}$  oz., 65c.

**Dwarf or Bush Varieties**—1 foot. Very showy for flower beds, borders, and rockwork; they bloom for a long period and delight in sun. **Mixed, all colors**—Pkt., 5c; oz., 25c.

**Tall Climbing Varieties**; **Mixed, all colors**—Pkt., 5c; oz., 15c;  $\frac{1}{2}$  lb., 35c.

**Imperialis Japanese Morning Glory, Mixed**—The Japanese Morning Glory. Pkt., 10c; oz., 25c.

**Setosa (Brazilian Morning Glory)**—The thick stems and leaf stalks are covered with reddish-brown hairs. The deeply lobed leaves are about nine inches across; flowers about two inches in diameter, of delicate texture, tinted pink with a five-pointed star of satiny pink, and are followed by curious seed pods. Pkt., 10c;  $\frac{1}{2}$  oz., 25c.



African Marigold



All Double Marigold

## Moon Vine

**Imomoea Mexicana Grandiflora Alba (White Moon Flower)**—Covered with large, white flowers every evening and cloudy day. Seeds should be started inside. Pkt., 10c;  $\frac{1}{2}$  oz., 30c.

**Ipomoea Mexicana Grandiflora Giant Pink**—Soft lilac-pink flowers. Pkt., 10c;  $\frac{1}{2}$  oz., 35c.

## Nicotiana

**(Sweet Scented Tobacco Plant)**—2 feet. Easy to raise and most effective. The flowers open toward evening and emit a powerful perfume.

**Affinis**—Most showy and profuse bloomer, giving a continuous display of waxy white flowers right through the summer and autumn. Pkt., 10c;  $\frac{1}{2}$  oz., 25c.

**Sanderae**—Bearing beautiful rosy-carmine flowers. Pkt., 10c;  $\frac{1}{2}$  oz., 30c.



Nicotiana Affinis

## Myosotis

### (Forget-Me-Not)

They are considered among the best spring flowers and grouped with Pansies and Daisies the most lovely combinations may be obtained. Respond to good treatment and flourish in shady, moist situations.

**Alpestris Royal Blue**—Trailing habit. Pkt., 10c;  $\frac{1}{2}$  oz., 40c.

**Alba**—White. Pkt., 10c;  $\frac{1}{2}$  oz., 45c.

**Rosea**—Pink. Pkt., 10c;  $\frac{1}{2}$  oz., 50c.

## Mignonette

### (Reseda) 6 to 12 in.

No garden is complete without this fragrant plant of unassuming mien. **Grandiflora**—Large flowered. Pkt., 5c; oz., 25c.

**Machet**—Best for all purposes. An ever-bloomer, lasting until late in the fall. Pkt., 10c;  $\frac{1}{2}$  oz., 25c.

**Mixed**—Many shades and types. Pkt., 5c;  $\frac{1}{2}$  oz., 20c.



Mignonette

# NASTURTIUMS Both Old-fashioned and New

These graceful flowers are so thrifty they do well in poor soil. No other flower has a richer color range.

Collection No. 40 of **Dwarf Nasturtium** consists of one oz. each of the five varieties listed for 60c.

New "Golden Gleam" and Double Gleam Hybrids—see pages 33-34.



combinations in bright clear live colors. Pkt., 50c; 1/16 oz., \$1.00.

**Paris Market**—An improved strain of Trimardeau, with better flowers and more compact habit. Pkt., 10c; 1/8 oz., 35c.

**Roggli Swiss Giants** Marvelous variety of colors. Giants in size, free blooming qualities. Pkt., 25c; 1/16 oz., 60c.

**New Improved Roggli's Giant No. 103**—See page 32 and front cover.

**Steele's Miracle Mixed** This is one of the most colorful mixtures of mammoth flowering pansies of which we are familiar. Pkt., 25c; 1/16 oz., 75c.

**Good Bedding Mixed**—Great diversity of colors, free flowering, blossoms slightly smaller than the Giant sorts. Pkt., 10c; 1/8 oz., 30c.

**Separate Colors**—We offer large flowering strains in blue, orange, pink, purple, red, white and yellow. Pkt., 10c; 1/8 oz., 35c.

**Scotch or Tufted Pansies (Viola Cornuta)**— Bloom all summer from seed sown in early spring, and are valuable for rock gardens, edging beds and borders. Require protection during winter. Height, 3-6 inches.

**Furnished in Blue, Violet, White, Yellow, Rose and Mixed**—Pkt., 10c; 1/8 oz., 35c.

## Pennisetum

**Longistylum**—2 1/2 feet. An Abyssinian grass with long, feathery, bearded bristles. Pkt., 10c; 1/4 oz., 30c.

**Rueppelianum**—The spikes are longer and more graceful. Used to border canna beds. Pkt., 10c; 1/4 oz., 30c.

## Tall Nasturtiums

**Emperor of India**—Very dark foliage. Rich, deep scarlet flowers.

**Twilight**—Yellow, marbled salmon.

**Vesuvius**—Salmon-rose, dark leaved.

**Von Moltke**—Ruby-red.

**Price, each of the above**—Pkt., 5c; oz., 20c; 1/4 lb., 50c.

**P.-W.'s Best Tall Mixed**—Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.25.

## Dwarf Nasturtiums

**Aurora**—Chrome yellow blotched crimson.

**Beauty**—Scarlet splashed canary.

**Bronze**—Burnt bronze color. **Empress of India**—Very dark leaves, crimson flowers.

**Golden King**—A golden yellow.

**Each of the above**—Pkt., 5c; oz., 20c; 1/4 lb., 50c.

**P.-W.'s Best Tall Mixed**—Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.25.

## Nigella

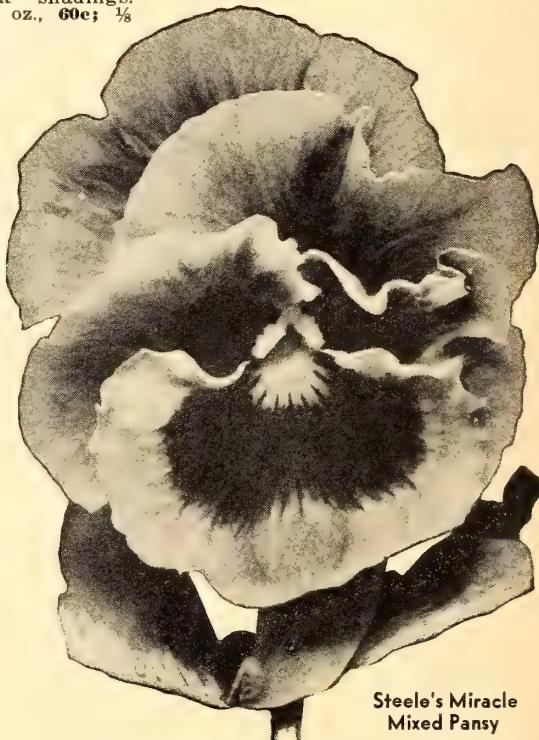
**(Love in the Mist)**—1 1/2 feet

**Miss Jekyll**—A lovely variety, bearing on long stems large, semi-double flowers of a lovely, tender blue, nestling in fine, feathery foliage. Pkt., 10c; 1/2 oz., 25c.

# PANSIES

## A RAINBOW IN FLOWERS

Pansies like cool weather, and the best way to grow them in the north is to start them in the late summer and carry the plants over the winter in a cold frame. The plants will then come into flower with the first tulips.



Steele's Miracle Mixed Pansy

# PETUNIAS—P.-W.'s Finest Strains

For freedom of bloom and length of flowering season, the petunia is unsurpassed as a bedding or window box plant. The many improvements recently made in its color range and form of flower have raised it to the front rank. The seeds are very small and germinate slowly. Sow them indoors if possible, quite early, and be patient in awaiting the appearance of the seedlings. The Balcony type, of trailing habit, are excellent for porch and window boxes.

## Giant Flowering Single Petunias

**Coppery Red**—Very attractive new shade having giant ruffled flowers. Pkt. (200 seeds), 40c.

**Purple Prince**—Darkest and best velvety purple. Pkt. (200 seeds), 25c. **Dwarf Fringed Giant Mixed (Ramona Strain)**—Dwarf, ruffled and fringed, with open, well-marked throats. Pkt. (250 seeds), 50c.

**Giants of California**—These are of great beauty, including fringed and deep-throated sorts in endless variety of colors. Pkt. (200 seeds), 25c.



Giants of California

**Ruffled Monsters**—Giant flowers with large throat and exquisitely ruffled edges, many bewitching shades and colors. Pkt. (250 seeds), 40c.

**Pride of Portland**—Deep rose. Pkt. (200 seeds), 25c.

**Pink Triumph**—Mammoth Pink. Pkt. (200 seeds), 25c.

## New All-double Giant Fringed

For more than half a century flower seed hybridists have tried every possible device to obtain a double Petunia that would reproduce more than 60% double flowers. At last their hopes have been realized in this new All-double strain. This will give practically 100% fully duplexed and beautifully fringed flowers in the gorgeous assortment of color. (See color plate.) Pkt. (100 seeds), 50c.

**P.-W.'s Giant Double-fringed Mixed**—Large percentage of double flowers of the largest fringed varieties in bright colors. Pkt. (200 seeds), 50c.

## Single Bedding Petunias

All the following are wonderfully effective in beds, borders, window boxes, etc:

**General Dobbs**—Crimson garnet. **Rose of Heaven**—Rich, brilliant Snowball—Pure satiny-white. **Rose**—rose.

**Violet Queen**—Violet-blue. **Rosy Morn**—Soft rose-pink. **Howard's Star**—Rosy crimson with **Striped and Blotched**—Beautifully five-pointed star of bluish-white. striped.

**Any of Above**: Pkt., 10c;  $\frac{1}{4}$  oz., 50c.

**P.-W.'s Single Mixed Bedding**—Good, bright colors.  $\frac{1}{4}$  oz., 30c; pkt., 10c.

## Balcony Petunias

Most excellent for window- or porch-boxes.

**White**—Pure white; **Rose**—Bright rose, white throat; **Red**—Very brilliant; **Blue**—Rich shade; **Mixed**—All colors. Any of above: Pkt., 15c; 1/16 oz., 50c.

## Pentstemon

**Sensation**—A half hardy perennial that can easily be grown as an annual. If sown in heat in February or March, they will flower freely the first year, producing large spikes of handsome gloxinia-like flowers. Often 2 in. across and in the most brilliant and varied colors, many of which are beautifully edged with a fine contrasting color. Pkt., 25c; 1/16 oz., 60c.



Phlox Drummondii

**Crown Prince**—Salmony scarlet.

**Isabellina**—Yellow.

**Kermesina Splendens**—Crimson, with white eye.

**Violet**.

**Golden Star**—Pink with gold star.

**Each of above**: Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Drummondii Mixed**—Gold mixture,  $\frac{1}{4}$  oz., 20c; pkt., 10c.

(A charming low border)

Pentstemon Hybrid (Sensation)

## Dwarf Phlox (8 inch)

**Fireball**—Blue-red.

**Sky-blue, White Eye**.

**Snowball**—Pure white.

**Salmon Pink**.

**Isabellina**—Yellow.

**Mixed Colors**.

Each of above: Pkt., 15c; 1/16 oz., 40c;  $\frac{1}{4}$  oz., 75c.

## Gay Colorful PHLOX

The showiest and most easily raised of all Annuals. Sow in the ground as soon as danger of frost is over and in a few weeks are a blaze of glory. Height 1 foot.

# P-W's Brilliant Poppies & SALVIAS

## Single Annual Poppies

**Admiral**—Glistening white, with a broad margin of brilliant scarlet. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.



Single Shirley Poppy

gion. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**Tulip (Glauicum)**—Large tulip-shaped flowers of dazzling scarlet; not unlike a Scarlet von Thol Tulip. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Mixture Single Poppies**—This mixture includes all the above choice Poppies and many other kinds not listed. Pkt., 10c; oz., 25c.

## Shirley Poppies

### Silk or Ghost

Have beautiful satiny flowers of various colors, all with white centers, which makes the plants very attractive. Foliage is hairy and finely cut.

**Blue Shirley**—Various shades of blue. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Rose Shirley**—Shades of rose and pink. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Eldorado Salmon Shades**—2 feet. The introducer made a selection of these most popular shades and will especially appeal to those admiring pastel shades in flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**Shirley Mixed**—Beautiful shades in delicate shades of rose, apricot, salmon-pink and blush to growing crimson with a sprinkling of blues. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

## Double Annual Poppies

**American Flag**—Flowers very large, snow white, scarlet bordered.

**Fairy Bush**—The flowers have the effect of large feathered balls, overcast with a rosy shade.

**Carnation Flowered**—Splendid double-fringed flowers; mixed colors.

**Any of Above**. Pkt., 5c; oz., 30c.

## Rainbow Corn

### (Zea Japonica Variegata)

Ornamental foliage plant, highly effective and very interesting; grows about 5 feet high, quite bushy, variegated leaves striped with bright green, silvery white, rosy purple and sulphur yellow. Pkt., 10c; oz., 25c.



Ricinus

Stately strong growing plants with very ornamental foliage, well adapted as center plants of groups of Cannas, Dahlias, etc.

**Cambodgensis**—6 to 8 feet. Large palm-like leaves of darkest maroon; stalk nearly black. Pkt., 10c; oz., 30c.

**Red Spike**—A new and very effective variety with bronze green foliage and brilliant rosy-crimson seed spikes. Pkt., 10c; oz., 35c.

**Zanzibariensis Mixed**—10 to 12 feet. The ornamental leaves beautifully lobed, are 2 $\frac{1}{2}$  to 4 feet across. Each plant makes a perfect pyramid of foliage. Pkt., 10c; oz., 25c.

**Mixed**—Many sorts. Pkt., 5c; oz., 20c.

## Romneya

**Coulteri (California Tree Poppy)**—5 feet. Flowers all summer. Beautiful snowy white, fragrant flowers. Pkt., 15c;  $\frac{1}{8}$  oz., 75c.

## Rudbeckia

### (Cone Flower)

**Bicolor Superba**—2 feet. Annual. Produces an abundance of bright yellow flowers with brown central disc, fine for cutting. Pkt., 10c;  $\frac{1}{4}$  oz., 25c. (See also page 50.)

## Portulaca

### (Ross Moss) Six Inches

This plant will grow and bloom profusely in dry hot situations, where almost any other plant will soon die. Easily transplanted.

## P-W's Large Flowering

### Single

White, yellow, pink, striped, scarlet, mixed. Each of the above, pkt., 10c;  $\frac{1}{4}$  oz., 20c.

### Large Flowering Double (Separate Colors)

White, yellow, pink and scarlet. Each of the above, pkt., 10c;  $\frac{1}{8}$  oz., 25c.

### Best Double Mixture

pkt., 10c;  $\frac{1}{8}$  oz., 50c.



Double Carnation Poppy

## Primula

**Obeonica Grandiflora**—This is one of the most beautiful Primulas for pot culture and also succeeds well in the open border during the summer. Pkt., 200 seeds, 25c.

## Pyrethrum

**Aureum (Golden Feather)**—Six inches. One of the best plants for edging, grown for its beautiful yellow foliage. Most successfully treated as an annual. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.



New Dwarf Everblooming Scarlet  
Salvia "Primus"

Blooms early in the season frost. Pkt., 15c;  $\frac{1}{8}$  oz., 50c.

**Fireball** (1 $\frac{1}{2}$  ft.)—The bushy plant is covered with a great number of flower spikes of the most fiery scarlet. Pkt., 15c;  $\frac{1}{8}$  oz., 45c.

**Harbinger**—New. Earliest blooming variety. Dazzling scarlet flowers and deep green foliage. Compact plant, 16 inches high. Pkt., 15c; 1/16 oz., 35c;  $\frac{1}{8}$  oz., 60c.

**Splendens (Scarlet Sage)**—Beautiful bright scarlet; 3 feet. Pkt., 10c;  $\frac{1}{4}$  oz., 75c.

## Senecio

**Elegans (Double Mixed)**—A splendid border plant growing 2 feet tall and blooming freely from July until October. The flowers are borne profusely in clusters and come in purple, flesh, copper, lilac, red, and white. For early blooming start the seed in the house in a special seed box. Pkt., 15c;  $\frac{1}{8}$  oz., 55c.

# Showy, Gold-Veined SALPIGLOSSIS



Statice  
Sinuata

## Salpiglossis

2½ Feet

Most attractive; should be in every garden. Each flower is veined with a glint of gold.

**Emperor** — Crimson, pink, velvety violet, golden-yellow, purple and gold, scarlet and gold, rose and gold. Each of the above, per pkt., 10c; ¼ oz., 50c.

**Emperor Mixed** — Large improved strain, complete range of colors. Pkt., 10c; ¼ oz., 40c.

## Statice

**Suworowii** — 1 foot. Flowers bright rose color. Valuable for winter bouquets. Pkt., 15c; ¼ oz., 75c.

**Bonduellii** — Bright yellow flowers, valuable for drying. Pkt., 10c; ¼ oz., 25c.

**Sinuata** — Pretty rosettes of foliage from which rise branching flower stems 2½ feet high. We furnish **Blue**, **Rose**, **White** and **Mixed**. Pkt., 10c; ¼ oz., 25c; ½ oz., 40c.



Sunflower (Chrysanthemum Flowered)

## Sunflower

### (*Helianthus*)

#### Large Flowered Tall

These comprise plants of majestic growth and immense showy flowers.

**Red Sunflower** — 4 to 8 feet. Some flowers of a rich chestnut-red color, others tipped with yellow and others slightly washed with red. Pkt., 10c; ¼ oz., 25c.

**Chrysanthemum Flowered Double** — 6 feet. Golden yellow flowers. Pkt., 10c; ¼ oz., 25c.

## Scarlet Runner

**Scarlet Runners** — A great favorite, not only as an ornamental

climber, but for the delicious edible beans which succeed the spray of bright scarlet pea-shaped blossoms. Pkt., 10c.



Scabiosa

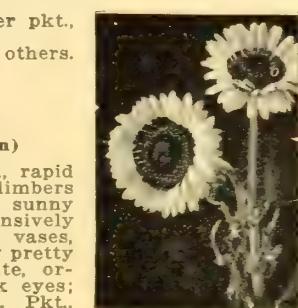
## Scabiosa

**(Mourning Bride)** 2½ Feet  
Pincushion Plant. Stems are long and the blossoms keep well in water; soft shades predominate. When given plenty of room and the seed kept regularly picked off, it will last through the whole summer.

**Large Flowering Double**  
Snowball, golden-yellow, flesh, fiery scarlet, azure fairy, cherry-red, black prince, rose.



Venidium Fastuosum



Each of the above: Per pkt., 10c; ¼ oz., 30c.  
**Mixed** — The above and others. Pkt., 10c; ¼ oz., 25c.

## Thunbergia (Black-Eyed Susan)

**Alata Mixed** — Beautiful, rapid growing annual climbers preferring a warm, sunny situation; used extensively in hanging-baskets, vases, low fences, etc.; very pretty flowers in buff, white, orange, etc., with dark eyes; mixed colors; 4 feet. Pkt., 10c; ¼ oz., 30c.

## Schizanthus

**Grandiflorus Hybrids** — A grand strain bearing a profusion of large flowers all with handsome markings on a white, buff, brilliant rose, rich blue or purple ground. Pkt., 25c; ¼ oz., 50c.

**Mixed, all colors** — ¼ oz., 25c; pkt., 10c.

## Silene

1½ Feet

**Armenia Mixed (Catchfly)** — A very showy early flowering hardy annual, bearing in quantity, heads of beautiful white, pink and red flowers. Pkt., 10c; ¼ oz., 20c.



Salpiglossis

## Wild Garden Collection

This is a surprise collection, containing practically every annual in existence.

**Dwarf Sorts** — Growing from 12 to 18 inches high. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25.

**Tall Sorts** — Growing from 18 to 36 inches high. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25.

## Stocks

### (Large Flowering)

The flowers appear on long, stiff stalks like small rosettes, are exceedingly fragrant and range through a most complete scale of color.

**Improved Large Flowering 10-Week Stocks** — We furnish in color as follows: white, yellow, rose-pink, crimson, light blue, dark blue mixed.

Each of above: Pkt., 10c; any 3 pkts. for 25c; ¼ oz., 50c.

**P.-W.'s Giant Perfection "Cut and Come Again"** — 1½ feet. Useful for outdoor beddings as well as for pots or cut flowers. Numerous side branches, all bearing very double, fragrant flowers. **White**, **yellow**, **pink**, **old rose**, **scarlet**, **light blue**, **dark blue**, **mixed**.

Each of above: Pkt., 10c; 1/16 oz., 30c; ¼ oz., 50c.

## Venidium (Monarch of the Veldt)

**Fastuosum** — A magnificent annual from South Africa. Sow in March or April as germination is somewhat difficult if started earlier. Plant them in a sunny position. Has large, daisy like, orange colored flowers marked with black at the base of each petal. Attractive, woolly, grayish green foliage, 2½ to 3 feet. Pkt., 25c; 1/16 oz., 50c.



Schizanthus

## Wild Cucumber

(*Echinocystis Lobata*)

Thirty feet. This is the quickest and easiest growing climber on our list. It will quickly cover an old tree or an unsightly building. Pkt., 5c; ¼ oz., 20c; oz., 35c; ¼ lb., 90c.

## Wallflower

Well known, deliciously fragrant half hardy perennials, blooming early in spring, with spikes of beautiful flowers. In the north they should be protected in a cold frame in the winter and planted out in April.

**Single Mixed** — All colors. Pkt., 10c; ¼ oz., 20c.

**Double Flowering Finest Mixed** — Pkt., 15c; 1/16 oz., 40c.

# All the Best New SWEET PEAS



P.-W.'s Giant  
Spencer Sweet Peas

## Culture:

Sweet Peas are of easy culture and there should be no failures if ordinary care is taken. The absolute essentials are good seed, rich sod deeply dug, early sowing, early staking and frequent stimulation to insure continuous growth and good cultivation to keep the soil loose and porous. The seed should be sown as early in the Spring as the soil can be worked. In the vicinity of Salt Lake, early March in average years is the proper time. It is best to make a trench or furrow about six inches deep in the bottom of which sow the seed and cover with about one inch of soil pressing it down firmly. As soon as they are above the ground thin out about three or four inches apart. When planted too close they do not obtain full development. They should be staked up either with branches or stout stakes on which wire netting has been fastened; these should be about four or five feet high. Sweet Peas should be watered thoroughly and frequently and flowers cut often to prevent running to seed which will stop them from continuing in bloom. One ounce will plant 25 feet of row. To inoculate the seed gives added vigor and health. See page 74.

## P.-W.'s Early Flowering and Long Season Spencers

This new type is in great demand by commercial florists for forcing under glass and are just as valuable for outdoor culture, coming into flower five or six weeks earlier than the regular orchid-flowered type. If flowers are kept picked will continue to bloom over a period of nearly four months.

**Annie Laurie**—richest pure rose pink.  
**Blue Bonnet**—clear deep blue.

**Fascination**—salmon rose-pink.

**Hope**—pure black seeded white.

**Lavanda**—best pure clear lavender.

**Majestic Rose**—brilliant rose-pink.

**Red Bird**—bright crimson red.

**Valencia**—bright sunproof orange.

**Any of the above**—Pkt., 10c;  $\frac{1}{2}$  oz., 35c; oz., 60c.

**P.-W.'s Early Flowering Spencer, Best Mixed**—The above and many other varieties properly blended for a harmonious color effect. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c.

## P.-W.'s Early Flowering Spencer Sweet Pea Collection No. 44-A

1 pkt. each of the eight varieties listed. Reg. value 80c, all postpaid for.....

**60c**

## P.-W.'s Early Flowering Spencer Sweet Pea Collection No. 44-B

$\frac{1}{2}$  oz. each of the eight varieties listed. Reg. value \$2.80, all postpaid for.....

**\$200**

## Cupid or Dwarf Sweet Peas

These form a line of emerald-green foliage a little over a foot wide and 6 inches high, and from June until late summer are literally a sheet of bloom; the mixture contains all the colors. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

## P.-W.'s Giant Spencer

Of the hundreds of Orchid-flowered or Spencer Sweet Peas introduced in the last few years, we offer this season what we consider the very choicest and most distinct varieties, each one of which is a leader in its respective color, and sure to give entire satisfaction.

**Gleneagles** (blue) — exceptionally large lavender-blue, waved and frilled.  
**Damask rose** (carmine) — bright rosy-carmine.

**Mrs. A. Searles** (cerise) — salmon-cerise shading into soft oriental-red.

**What Joy** (cream) — deep cream, heavily frilled.  
**Red Boy** (crimson) — very best crimson.

**Ivory Picture** (ivory) — rich ivory cream, flushed pink.  
**Ambition** (lavender) — best large deep rosy-lavender.

**Warrior** (maroon) — rich chocolate maroon.  
**International** (mauve) — rich deep rosy mauve.

**Pirate Gold** (orange) — distinct deep golden orange.  
**Youth** (picotee) — white ground, deeper color on edges. Highly perfumed.

**Pinkie** (pink) — best rose-pink, large frilled flowers.  
**Olympia** (purple) — deep rich purple, immense gracefully formed flowers.

**Smiles** (salmon) — clear glistening salmon, beautifully waved and fluted.

**Welcome** (scarlet) — brilliant dazzling scarlet. Sun-proof.

**Avalanche** (white) — immense glistening white, very frilled. White seeded.

**Any of the above**: Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

## P.-W.'s Spencer Sweet Pea Special Collection No. 44-C

1 packet each of the above sixteen varieties. Regular value, \$1.60, all postpaid for.....

**\$125**

## P.-W.'s Spencer Sweet Pea Special Collection No. 44-D

1 oz. each **Ivory, Lavender, Orange, Pink, and Red**, Regular price \$1.25, all postpaid for.....

**\$100**

**P.-W.'s Giant Spencer Mixed**—The finest assortment obtainable at any price of Giant Spencers. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

# P.-W.'s Dahlia Flowered ZINNIAS

## Giant Verbenas

Verbenas always popular, lends itself to many uses. Clusters of showy and often fragrant flowers are borne in constant succession from June until frost. **Beauty of Oxford (Novelty)**—Brightest rose color shading from clear rose-pink to rose-red. Pkt., 10c;  $\frac{1}{8}$  oz., 50c.



Giant Verbenas

**Giant Mixed**—A wonderful mixture of large flowering varieties. Pkt., 10c;  $\frac{1}{8}$  oz., 45c.

**Nana Compacta Mixed**—10 inch. A mixture of dwarf growing varieties suitable for ground cover edging or rock work. Pkt., 15c;  $\frac{1}{8}$  oz., 50c.

**Erinoides (Moss Verbenas)**—6 inch. Produces a mass of moss-like foliage, spreading over the ground like carpet, above which are borne heads of purplish-blue and white blossoms; flowers in June and continues until frost. For beds, baskets or rockeries it is highly desirable. Pkt., 10c;  $\frac{1}{8}$  oz., 30c.

**Venosa (Hardy Garden Verbenas)**—Used for bedding, grows about 1 foot high, and covered from early summer until fall with its bright purplish heliotrope flowers. Pkt., 10c;  $\frac{1}{8}$  oz., 30c.

## Double Dahlia Flowered Zinnias

The flowers often measure 4 inches in depth and 6 to 8 inches in diameter. In general appearance the flowers compare with the Show Dahlias.

**Canary Bird**—A delicate primrose.

**Crimson Monarch**—Rich crimson.

**Dream**—Deep lavender.

**Exquisite**—Light rose with center deeper rose.

**Golden Dawn**—Deep orange yellow.

**Old Rose**—Old Rose shade.

**Oriole**—Orange and gold.

**Polar Bear**—White.

**Price**—Each of above: Pkt., 15c; any 4 pkts., 50c;  $\frac{1}{8}$  oz., 30c;  $\frac{1}{4}$  oz., 50c; oz., \$1.50.

**Dahlia Flowered Gold Medal Mixed**—All the above and others. Pkt., 15c;  $\frac{1}{8}$  oz., 25c;  $\frac{1}{4}$  oz., 40c; oz., \$1.35.

**New Desert Gold**—See page 35.

## Lilliput, or Pompon Zinnias

An especially pretty, dwarf type, 12 to 18 inches tall, blooming continuously and most profusely. The double, conical flowers are 1 to 1½ in. across. Highly effective for borders. Especially desirable for table decoration.

**Crimson Gem**—Canary Yellow

**Salmon Rose**—Golden Gem

**White Gem**

**Price**—Any of above varieties: Pkt., 10c;  $\frac{1}{8}$  oz., 40c.

**Mixed Colors**—All the above colors in mixture. Pkt., 10c;  $\frac{1}{8}$  oz., 30c; oz., \$1.00.



Zinnia Lilliput

**Royal**—Roy-

al blue.

**Salmon - Pink**

—Large.

**White**—Pure

white

large.

**Blue, White**

**E y e d**—

Massive

trusses.

**Lucifer**—

Bright scar-

let self.

**Luminosa**—

Showy

flame-pink.

**Rose Cardinal**—Deep

rose.

**Price**—Any of

above, ex-

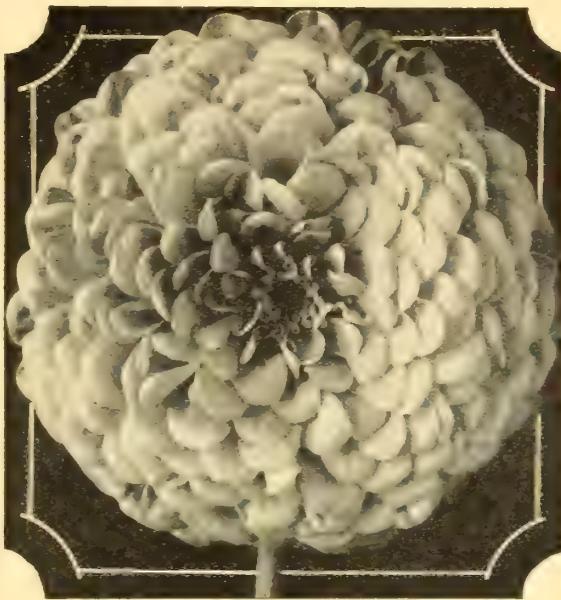
cept where

otherwise

noted: Pkt.,

10c;  $\frac{1}{8}$  oz.,

50c.



Zinnia Dahlia Flowered Old Rose

## Double Zinnia California Giants

In presenting the above type we offer a rare collection of striking and desirable colors. They are larger than Giant Double, and a cross between them and the Dahlia Flowered types.

**Golden Queen**—Golden lemon.

**Orange King**—Orange-scarlet.

**Scarlet Gem**—Glowing scarlet.

**Enchantress**—Light rose. **Rose Queen**—Bright rose.

**Purity**—Pure white. **Cerise Queen**—Cerise-rose.

**Price**—Any of above varieties: Pkt., 15c;  $\frac{1}{8}$  oz., 30c;

$\frac{1}{4}$  oz., 50c; oz., \$1.50.

## MIXED COLORS GIANTS OF CALIFORNIA

All of the above lovely colors in a carefully blended mixture. Pkt., 15c;  $\frac{1}{8}$  oz., 25c;  $\frac{1}{4}$  oz., 40c; oz., \$1.50.

## Haageana Hybrida Zinnia

Double small flowered mixed, charming hybrids in a great variety of colors, excellent for rock gardens. 12 inches high. **Mixed Colors**—Pkt., 10c;  $\frac{1}{8}$  oz., 30c;  $\frac{1}{4}$  oz., 50c.

## Double Giant Zinnias

Flowers large, thickly set plants healthy, vigorous, branching freely. Excellent for grouping or cutting.

White, Salmon, Pink, Yellow, Orange, Scarlet, Violet, Purple.

**Each of above**—Pkt., 10c; any 3 for 25c;  $\frac{1}{4}$  oz., 30c.

**P.-W.'s Giant Double Zinnias, Mixed**—Containing all the new and interesting colors. Pkt., 10c;  $\frac{1}{8}$  oz., 25c.



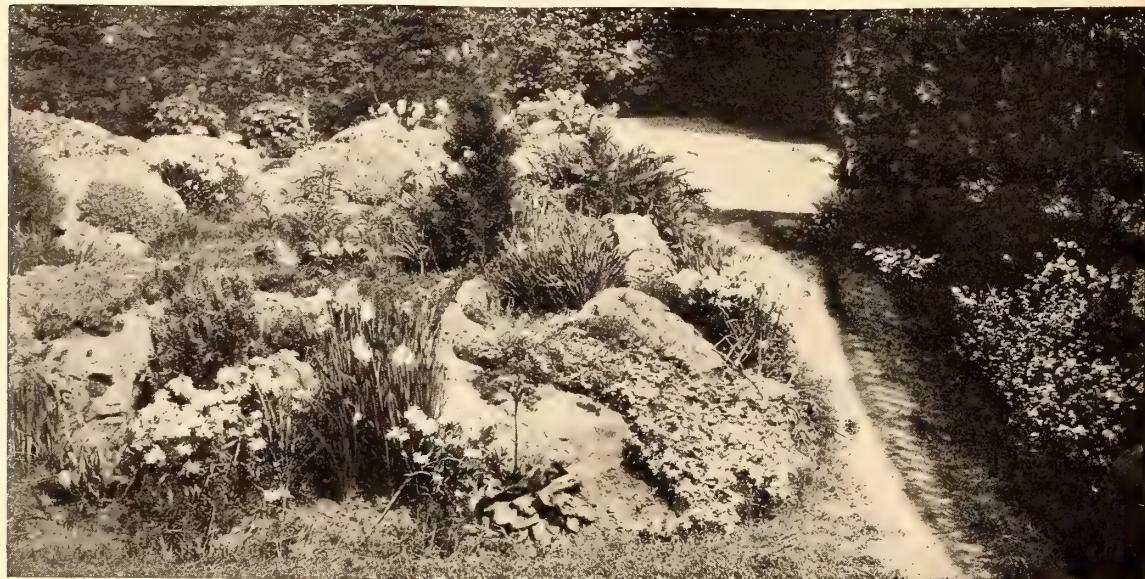
New Scabiosa Flowered Zinnia

## New Scabiosa Flowered Zinnia

Should have a place in every garden. It grows to a height of 40 inches. We are able to furnish it in splendid mixture of colors. Price, pkt., 15c;  $\frac{1}{8}$  oz., 40c.

# Hardy Perennial Plants and Seeds

Perennials planted once are always there; the flowers become better as plants grow older. It requires more time for the plants to come to flowering size when seed is planted. Sow the seed outside in early spring or summer and transplant when plants are large enough to place where you wish them to flower. To those desiring bloom the first season we offer plants which will give such results. (See prices below.)



You'll enjoy a Rock Garden. For this purpose use any of the varieties marked (R)

## Alyssum (R)

★**Saxatile Compactum** (Basket of Gold)—1 ft. May-June. Producing masses of golden flowers very early. May be planted effectively with *Arabis*. Seeds, pkt., 10c.

**Argenteum**—1 ft. Dwarf, dense grower, yellow flowers, in bloom all summer, leaves silvery underneath. Seeds, 10c per pkt.

## Anthusa

★**Italica, Dropmore Variety**—5 ft. June-July. Beautiful gentian blue flowers. Thrives best in partial shade. Seeds, pkt., 15c.

## Anemone

**St. Brigid's Strain**—May-June. Double and single mixed. 12 inches. A beautiful selection in a wonderful array of colors. Seeds, pkt., 20c.

## Agrostemma

★**Coronaria Varieties Mixed**—Attractive free-flowering, producing bright colored flowers on long, slender stems like a single pink; blooms the first season; fine for cutting; 1 to 2 feet. June-September. Seeds, pkt., 10c.

## Anthemis

★**Kelwayi** (Hardy Marguerite)—2 ft. Daisy-like yellow blossoms, produced all summer. Excellent for cutting. Seeds, pkt., 10c.

## Arabis (R)

(Rock Cress)

★**Alpina**—6 in. Useful for spring bedding and rockeries; pure white flowers. Seeds, pkt., 10c.

## Hardy Asters

(Michaelmas Daisy)

Autumn flowering plants, blooming in a riot of color, usually until snow. About 3 to 5 ft. high.

### ★Mixed—All Colors

## Aconitum

(Monkshood)

Plants with bold spikes of hood-shaped flowers, thriving in either sun or shade.

**Fischeri**—A dwarf variety with pale blue flowers. 18 inches. September. Seed, pkt., 10c.

**Napellus (True Monkshood)**—3 to 4 feet. July to August. Large, dark blue flowers in a raceme. Seed, pkt., 10c.

**PLANTS**—Any of the above marked (★) 15c per clump; \$1.50 per doz.; \$11.00 per 100. If by mail add 5c each or 30c per dozen for packing and postage. (R) These varieties are suitable for rock gardens.

## Dwarf Alpine Aster (R)

★**Alpinus**—Indispensable for the rockery or edge of hardy borders, grows 6 to 10 inches high, showy bluish-purple flowers in May and June. Pkt., 25c.

★**Albus**—Identical to the above, but with pure white flowers. Pkt., 25c.

## Achillea

(Milfoil or Yarrow)

**Ptarmica, The Pearl**—Pure white, double flowers all summer. Prized for cutting. Seed, pkt., 15c.

**Tomentosa (R)**—6 to 8 inches. July to September. Bright yellow flowers. Excellent for rockeries. Seed, pkt., 10c.

## Aethionema (R)

(Persian Candytuft)

Near relatives of the Candytuft, these hardy little rock plants are of the most fascinating character.

**Persicum**—Slender spikes deep rosy pink. Seed, pkt., 25c.

## Anthemis (Marguerite)

Free-flowering perennials with attractive cut foliage and large daisy-like flowers. Succeed in poor soil but need full sun.

**Tinctoria Perry's Variety**—Two feet. Large lemon-yellow daisies, in bloom all summer. Seeds, 25c per pkt.

## Asperula (R)

(Sweet Woodruff)

**Odoata**—6 to 8 inches high. May. Habit erect; leaves usually in a whorl of eight, finely toothed. Increases rapidly and is used for carpeting shady places and for edgings. Heads of snowy white flowers. Pkt., 10c.

## Aubrietia (R)

Excellent dwarf spreading plants for borders, beds or rock gardens, blooms early in spring, height 6 in.

★**Bougainvillei**—The dark blue flowers. Seeds, 25c per pkt.

**Eyri**—Rose-pink flowers. Seeds, pkt., 25c.

## Baptisia

(False Indigo)

**Australis**—Dark blue, pea-shaped flowers in June; suitable for hardy border or wild garden. Attractive foliage. 2 feet. Seed, pkt., 10c.

For Permanent Results  
Use P.-W.'s

# PERENNIAL PLANTS

Bleeding Hearts (*Dicentra*)—(See page 57).

## Bellis Perennis

(Double Daisy)

Improved giant double-flowering, white and pink. Seeds, pkt., 10c; plants, 50c per dozen.

## Canterbury Bells

★*Calycanthemum* (Cup and Saucer)—Perennial—2 ft. June to August. White, pink, blue, mixed colors. Each of the above, pkt., 10c.

★*Campanula Medium* (Canterbury Bell)—2 ft. Double mixed or single mixed. Pkt., 10c.

★*Campanula Pyramidalis* (Chimney Bellflower) — Mixed. 5-6 feet. Pkt., 10c.



Columbine (Aquilegia)

## Carnation

After a few years' trial, we have proved these to be quite hardy with ordinary protection. Large, double flowers, in bloom all summer.

★*Double Mixed, Extra Choice*—Seeds, pkt., 15c.

## Cerastium

★*Tomentosum* (Snow in Summer)—4 inches. Silvery white foliage, covered with snow-white flowers in early summer. Seed, pkt., 15c.

## Centaurea

Good plants for the flower borders of wild garden, with thistle-like flowers. Blossoms in July-August.

★*Macrocephala*—Golden-yellow. 2½-3 ft. July-August. Seeds, pkt., 10c.

★*Montana Blue* (Hardy Corn Flower)—2 feet. June-September. Beautiful blue. Seeds, pkt., 10c.

## Cheiranthus

(Siberian Wallflower) (R)

★*Allioni*—A beautiful rock plant. Dazzling fiery orange flowers, on stems about a foot high. Best used as a biennial as it frequently blooms itself to death. Seed, pkt., 10c.

## Chelone

(Shellflower)

Handsome perennials, growing about two to four feet high, and bearing numerous spikes of large flower heads. Summer and fall.

★*Barbata Torrey*—Terminal spikes of scarlet flowers. Seed, pkt., 10c.

★*Barbata Hybrids Praecox*—Rich, colored early flowering hybrids. Seed, pkt., 10c.

## Chrysanthemum

★*Old-Fashioned Types*—Double Aster-like flowers. Colors: red, bronze, white, pink, yellow (plants only).

★*Pom-Pom*—Miniature types. White, pink, bronze, yellow, red (plants only).

★*Japanese Types*—These are the hardier early flowering selections from those mammoth indoor or Greenhouse types. Yellow, pink, lavender and white (plants only).

**PLANTS**—Any of the above varieties (★) 15c per clump; \$1.50 per doz.; \$11.00 per 100. If by mail add 5c each or 30c per doz., for packing and postage. (R) These varieties are suitable for rock gardens.

## Calamintha (R)

★*Alpina*—A good rock plant or for the edge of the border, succeeds well in dry ground in a sunny position, small blue flowers in June. 6 inches. pkt., 25c.

## Columbine (Aquilegia)

★*P.-W.'s Long-spurred Hybrids*

**Mixed**—A wonderful mixture containing all the beautiful tints and tones and color combinations, hardly two being exactly alike. Pkt., 15c;  $\frac{1}{2}$  oz., 50c.

★**Double Flowering**—All colors mixed. Pkt., 10c.

## Dianthus

(Hardy Pinks)

★*Deltoides (R)* (Maiden Pink) —8 in. Delicate pink blossoms carried above fine, feathery foliage. Seeds, pkt., 25c.

★*Plummaris (R)*—Very desirable sweet-scented, low-growing, early blooming and free flowering. **Single Mixed and Double Mixed**—Seeds, pkt., 10c.

## Digitalis (Foxglove)

These produce spikes of blossoms, 3 to 5 feet high in June and July.

★*Gloxiniaeflora, Mixed Colors*—Pkt., 10c.

## Doronicum

*Plantagineum Excelsum*—Large bright yellow flowers and one of the most effective very early spring flowers. A splendid flower for cutting; succeeds everywhere. Plants, 30c each; \$3.00 per dozen; 10 seeds, 50c.

## Edelweiss (R)

★*Leontopodium Alpinum*—4-5 in. June-July. The flowers are of downy texture, pure silver-white and star-shaped. Succeeds in almost any soil with full exposure to sun. Seeds, 25c per pkt.

## Euphorbia

★*Myrsinifolia*—3 in. June-July. Distinct grey trailer, large heads of yellow flowers. Seeds, 15c per pkt.

## Erinus (R)

★*Alpinus*—Forms pretty rosettes of foliage and racemes of blue flowers during May and June. A desirable rock plant; 4 inches. Seeds, 25c pkt.

## Coreopsis

★*Lanceolata Grandiflora*—2 ft. Large, orange-yellow flowers on long graceful stems. Bloom incessantly. Pkt., 10c.

★*Semi Double Grandiflora*—The beautiful semi-double flowers are considered by many, more attractive than the single type; otherwise the same as "Lanceolata." Pkt., 15c.



Coreopsis New Semi-Double

# P.-W.'s PERENNIALS—For Every Purpose



P.-W.'s Wrexham Hybrid Delphinium

per doz.; 10c per clump, postage extra.

**P.-W.'s Wrexham Hybrids** Often referred to as the Hollyhock Strain because the stately spikes with their large, single, semi-double, and double blooms appear not unlike a spike of Hollyhock. Includes many colors. Pkt., 25c; 1/16 oz., 75c; large clumps, 20c each; \$2.00 per doz., postage extra—10c per clump.

## Feverfew (R)

(*Matricaria*)

★**Little Gem**—A most useful border plant and valuable summer cut flower, with large, double white flowers; June until October; 18 to 24 inches high. Pkt., 10c.



Geum, Atrococcineum

## Iris Siberica

(Siberian Iris)

**Orientalis**—Rich, violet-blue; very free and one of the best. June, 2 to 2 1/2 feet.

**Geo. Wallace (Azure Blue)**—"F" marked white. Very attractive.

**Snow Queen**—Great merit; flowers snow white.

Price—20c each; \$2.00 per dozen; \$15.00 per 100.

## Heuchera (Alum Root)

★**Sanguinea**—2 ft. July-August. Long stems of large crimson-scarlet flowers. Splendid for cutting. Seeds pkt., 25c.

**PLANTS**—Any of above varieties marked (★) 15c per clump; \$1.50 per dozen; \$11.00 per 100. If by mail add 5c each, 30c per dozen for packing and postage. Varieties marked (R) are specially adapted for rock gardens.

## Delphinium

★**Belladonna** (Light Blue)—3 ft.; flowers exquisite shade of turquoise blue. Pkt., 20c.

★**Bellamosum**—Dark blue of the Belladonna type. Pkt., 20c.

★**Chinese** (Chinese Delphinium)—Fine feathery foliage; profuse white or blue flowers from June until September. Either White or Blue. Seed, pkt., 10c; 1/16 oz., 30c.

**P.-W.'s Gold Medal Hybrids**—Ht., 6 feet. Large flowers on spikes two feet and over, the majority running in the lighter shades of blue. Mixed colors. Pkt., 25c; large clumps, 20c each; \$2.00 each.

## Iris, Germanica

(Flag Iris) Avoid planting too deep, barely covering the rhizomes (creeping root stems) being sufficient. They are great drought resisters. "S" refers to standards, "F" to falls.

**Crusader**—"S" light blue; "F" deep violet-blue, with orange beard. Splendid color and form. 20c each; \$2.00 per dozen.

**Dream**—36 inches. "S" and "F" soft clear pink. A beautiful Iris or Pallida type.

**Eldorado**—"S" fiery opalescent. "F" purplish gold.

**Fairy**—"S" white, "F" fringed blue.

**Freida Mohr**—42 inches. A gigantic pink-toned Iris of perfect form and brilliant coloring. Fragrant.

50c each; \$5.00 per dozen.

**King of Iris**—"S" clear lemon yellow, "F" rich maroon, bordered yellow.

**Lohengrin**—Silvery mauve, both "S" and "F".

**Lorely**—"S" light yellow, "F" ultra-marine blue.

**Opera**—"S" bright rich pansy violet; "F" rich velvety violet-purple.

**Pallida Dalmatica**—Both "S" and "F" clear lavender blue.

**Shekinah**—36 inches. Clear soft yellow, shaded through the center. One of the finest yellow Irises. 20c each; \$2.00 dozen.

**Price**—Any of above, except where noted: 15c each; \$1.25 per dozen; \$9.00 per 100.

## Ass't Colors

Orange, white, yellow, blue, lavender, pink, purple and mixed, 10c each; 90c per dozen; \$6.00 per 100, postpaid.

## Geum

### Atrococcineum

**fl. pl.**—Pretty border plants, growing about 15 to 18 inches high, and producing from May to July brilliant scarlet double flowers—pkt., 15c.



Hibiscus (Mallow)

## Gaillardia

Flowers in June, and continues the entire season. Height, 18-24 inches.

★**Grandiflora Mixed**—Composite flowers, variegated with shades of red and yellow. Pkt., 10c.

★**New Hybrids**—Very large flowers. In a great variety of colors. Pkt., 25c.

## Gypsophila

**Paniculata Flore Pleno**—Improvement on the single-flowered type and more lasting, the flowers forming miniature balls of white petals. 2-3 ft. July-August. Not quite fixed, but about 25 per cent come true. Seeds, pkt., 25c.

★**Paniculata** (Baby's Breath)—2-3 ft. July-August. Small flowers on branched stems, so thick as to give the plant a white lace-like effect. Seeds, pkt., 10c.

★**Repens (R)**—Dwarf white Baby's Breath. Splendid in rockery. Seeds, 15c per pkt.

## Hardy Grasses

★**Gyeium Argenteum** (Pampas Grass)—White silvery plumes; blooms the second season; 5 feet. Pkt., 10c.

★**Eulalia Zebrina** (Zebra Grass)—Light green, barred with creamy white across foliage; 6 feet. Pkt., 10c.

★**Variegata**—Long, narrow, green leaves, striped with white, fine feathery plumes; 6 feet. Pkt., 10c.

★**Pennisetum Japonicum**—Easily grown from seed, making nice plants the first year; 4 feet. Pkt., 10c.

# PERENNIALS

For Rock Garden and Border

## Hesperis (Sweet Rocket)

**Matronalis** — Deliciously sweet scented flowers for gardens or cutting. 2-3 ft. June-August. Sow in spring in boxes and transplant in April or May—or sow in open ground in April for later bloom. **White or Purple**—Pkt., 10c;  $\frac{1}{2}$  oz., 35c.



## Helenium

★**Riverton Gem** — Covered from August to October with brilliant old gold and splashes of darker shades, changing later to wallflower red. 3½ feet. Pkt., 15c.

## Hibiscus (Mallows)

Shrub-like plants with handsome green foliage, bearing throughout summer large, bright flowers, from 3 to 5 inches in diameter. August-September. Very hardy. Suitable for garden and indoor use when cut 3 to 5 feet high.

★**Mixed Mallow Marvels** — Grand assortment. Seed, pkt., 10c.

## Helianthus

(Hardy Sunflower) **Maximiliani** — Small and graceful flowers of deep yellow on stems 2 to 4 ft. long, blooming from August to October. Pkt., 25c.

**Perennial Varieties, Mixed**—Pkt., 15c.

## Hemerocallis

★**Flava** (Yellow Day Lily) — The best known variety; very fragrant, deep lemon-yellow flowers in June and July; height 2½ to 3 feet.

## Hollyhock

One of the best hardy garden flowers. Makes a charming hedge or background. 6 to 8 feet. August-September.

★**Double Varieties** — White, Maroon, Rose, Black, Salmon, Yellow, Crimson. **Mixed** — Each color, pkt., 10c.

★**Single Varieties** — Red, Pink, Black, Flesh, Rose, White, Salmon. **Mixed** — Each, pkt., 10c.

## Iberis (Perennial Candytuft)

Dwarf evergreen plants, 6 to 10 inches, covered with blooms in spring and early summer. Excellent for rockeries or borders where bright dwarf masses are wanted.

★**Gibraltarica (R)** — Pinkish white. Seed, 10c per pkt.

★**Sempervirens (R)** — Flowers from a sheet of whiteness. Seeds, 15c per pkt.

## Incarvillea

★**Delavayi (Hardy Gloxinia)** — 2 ft. June. Splendid gloxinia flower, borne in large, bright rose umbels. Likes a sunny situation. Seeds, pkt., 25c.

## Lathyrus Latifolius

(Everlasting Pea)

Very decorative climbing vines. Bloom all summer. 6 feet.

**Pink, White, Crimson and Mixed**—Pkt., 10c.

## Lavandula (Lavender)

★**Vera** — This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant, blue flowers in July and August. Seeds, pkt., 10c.

**PLANTS** — Any of above varieties marked (★) 15c per clump; \$1.50 per dozen; \$11.00 per 100. If by mail add 5c each or 30c per dozen for packing and postage. Varieties especially adaptable for Rock Gardens are marked (R) immediately after the name.

## Liatris (Blazing Star)

### ★*Pynnostachya*

—Showy and attractive plants, succeeding anywhere, producing large spikes of light rosy-purple flowers in July and August; 5 feet. Seeds, pkt., 10c.

### Myosotis

(Forget-Me-Not)

★*Palustris Semperflorens* — Dwarf blue, in flower from early spring until autumn. Seeds, pkt., 20c.



Linaria Dalmatica

## Linaria (R)

★**Cymbalaria** (Kenilworth Ivy, or Mother of Thousands) — Lavender and purple. Hardy trailing plant, suitable for baskets, vases, pots and rock work. Seeds, pkt., 10c.

★**Dalmatica** — Large, bright yellow flowers, borne at the tops of the branches in a long, loose spike; 3 to 4 ft. June-September. Seeds, pkt., 10c.

**Lunaria (Honesty)** — See page 38.

## Linum (Flax)

★**Perenne** — A desirable plant for the border or rockery, growing 1½ feet high, with light, graceful foliage and large, blue flowers all summer. Pkt., 10c.

## Lupinus (Lupine)

Effective plants, producing large spikes of flowers; blooming in May and June. They require only well-prepared garden soil, preferably in a semi-shady location. 3 feet.

\***Polyphyllus** — Clear blue. Pkt., 10c.

## Lychnis Campion

★**Chalcedonica** (Jerusalem Cross) — A most desirable plant, heads of brilliant orange-scarlet in June and July; grows 2 to 3 feet high. Pkt., 10c.

## Nepeta (R) (Ground Ivy)

★**Mussini** — Neat bushes of small lavender-like foliage covered with spikes of lavender-blue. For beds, edging or Rock Garden. May to September. Seeds, pkt., 25c.

## P.-W.'s Perennial Collection Offer No. 49-A

1 pkt. each of the following 20 varieties: *Anthemis Kelwayi*, *Anthusa Italica*, *Dropmore*, *Canterbury Bells*, *Calycanthema*, *Carnation Double Mixed*, *Centaurea Montana Blue*, *Ceratium Tomentosum*, *Chelone*, *Barbata Hybrids Praecox*, *Columbine P.-W.'s Long Spurred Hybrids*, *Coreopsis Lanceolata Grandiflora*, *Digitalis Gloxiniaeflora Mixed*, *Geum Atrococcineum fl. pl.*, *Heuchera Sanguinea*, *Liatris Pynnostachya*, *Myosotis Palustris Semperflorens*, *Papaver Nudicaule*, *Platycodon Grandiflorum*, *Pyrethrum Roseum Double*, *Shasta Daisy Alaska*, *Sidalcea Rose Queen*, *Valeriana Coccinea*.

Regular Value \$2.65  
All Postpaid for

**\$200**

## P.-W.'s Perennial Collection Offer No. 49-B

1 plant each of the above 20 varieties

Regular Value \$3.55  
All Postpaid for

**\$300**

# PERENNIALS

For Rock Gardens, Borders, Permanent Beds

## Papaver (Poppy)

★**Nudicaule** (Iceland Poppies) — 15 inch. Mixed. Elegant free flowering plants bearing flowers in abundance all summer. Pkt., 10c. **Nudicaule, yellow, orange, white.** Each color, pkt., 10c.

★**Oriental Red** — For gorgeous coloring the Oriental Poppies have few rivals among hardy plants. 3 feet. Pkt., 10c.

★**Oriental Hybrids, Mixed** — Pkt., 10c.

## \*Phlox Subulata (R)

(Moss or Mountain Pink)

An early spring flowering type with pretty moss-like, evergreen foliage, which, during the flowering season, in April and May, is hidden under the masses of bloom. Excellent for rockery, border and invaluable for carpeting the ground or covering graves. We supply three colors — **White, Pink and Purple.**

## Phlox (Hardy Perennial)

Phlox are a garden in themselves, succeed in almost any soil and position, and flower freely for many years.

**B. Comte** — rich French purple.

**Commander** — crimson, dark eye.

**Mrs. Jenkins** — pure white.

**Richard Wallace** — white, red eye.

**Rydstrom** — deep, rose-pink.

**Beacon** — bright cherry-red.

**Michael Buchner** — pale lavender.

**Rheinlander** — salmon-pink.

**Rosenberg** — wine purple.

**Thor** — deep salmon-pink.

**Price** — Any of above plants, each,

25c; dozen, \$2.50.

### Collection of Hardy Phlox

The five varieties are described above — **B. Comte, Beacon, Michael Buchner, Richard Wallace, and Thor.**

**No. 50A** — One each (5 roots pre-paid, value \$1.50) ..... \$1.40

**No. 50B** — Three each (15 roots pre-paid, value \$4.50) ..... \$3.75



"Thor" Phlox

## Pentstemon

(Bard Tongue)

The Pentstemons bloom persistently through the summer, and are found very useful for cut flowers or for color masses in the garden. Easily grown in any garden soil.

★**Lg. Flowering Newest Hybrids** — Splendid asst. colors. Seeds, pkt., 15c.

## Physalis

★**Franchetti** (Chinese Lantern Plant) — 1½ feet. Flowers yellow with dark center. Produces balloon-like husks which turn bright red when ripe and resemble Chinese lanterns. Seeds, pkt., 10c.

## Physostegia

★**Virginiana** — Dense bushes with spikes of delicate pink tubular flowers. 3 ft. June-September. Seeds, pkt., 10c.

## Potentilla (Cinquefoil)

★**Nepalensis Miss Willmott** — Foliage is gray green; flowers salmon-pink, freely produced throughout the summer. Excellent for rock gardens. Seed, pkt., 25c.

## Pyrethrum

Charming colors and wonderful lasting properties as a cut flower; flowers in May and June, and frequently in August and September; in all shades of rose and pink.

★**Roseum, Double Mixed** — Extra choice, selected seed. Only a small percentage will be double, balance will be semi-double and single in fine variety. Pkt., 25c.

★**Roseum, Single Mixed** — Pkt., 15c.

## Platycodon

★**Grandiflorum** — 1-2 ft. Large handsome, deep blue flowers. Seeds, pkt., 10c.

## Polemonium

(Jacob's Ladder)

★**Coeruleum** (Greek Valerian) — 2 ft. Beautiful sky-blue skies. Pkt., 10c.

★**Grandiflorum Album** — Pure white. Pkt., 10c; ¼ oz., 25c.

★**Reptans (R)** — 8 to 10 inches. April to June. Dwarf, bushy plant of graceful growth. Showy blue flowers. Pkt., 15c.

## Primula (R)

★**Auricula** — 6 inch. Flowers in early spring in colors of yellow, brown, and red. Pkt., 10c.

★**Veris (Elatior) (Grandiflora)** — The pale yellow Oxlip, bearing flowers in umbels. An extra choice, large flowered mixture strain. Pkt., 20c.

## Rudebeckia

★**Hirta** (Black-Eyed Susan) — 2-3 ft. Rich golden-yellow with central black disc. Seeds, pkt., 15c.

**PLANTS** — We furnish plants of the varieties marked (★), listed above. Prices, except where otherwise noted **Field-Grown Plants**: 15c each; \$1.50 per dozen; \$11.00 per 100. If by mail, add 5c each; 30c per dozen, for postage and packing.

★**Laciniata fl. pl. (Golden Glow)** — July-October. Yellow, 5 to 7 feet. 1 pkt. of 20 seeds, 25c.

★**Purpurea Grandiflora** — 3 ft. September; large, handsome crimson-purple flowers with dark central disc. Pkt., 10c.

## Salvia

★**Pitcher (Meadow Sage)** — One of the best of all autumn blue flowers. August and September. 4 ft. Pkt., 10c.

## Saponaria (R)

★**Ocymoides** — Very showy, hardy rock plant, producing during the summer months masses of small, bright rose flowers; 9 inches. Pkt., 10c.

## Sedum (R)

★**Acre (Golden Moss)** — May-June. Yellow, 3 in. Pkt., 25c; plants, 30c each; \$3.00 dozen.

★**Brilliant** — June-July. Scarlet, 12 in. Pkt., 25c; plants, 30c each; \$3.00 dozen.

★**Stolonifera** — Flat, succulent leaves; flowers purplish-pink; July and August; 6 inches. Pkt., 25c; plants, 30c each; \$3.00 dozen.

## Santolina (R)

(Lavender Cotton)

A sweet smelling, dwarf, evergreen with delicate, silver-white foliage useful as rock or border plants. One foot.

## Saxifraga (R)

These will thrive in any kind of soil and in any position; grow about 1 foot high and are admirable for the front of the border or shrubbery.

★**Cordifolia** — Light pink. Pkt., 25c.



Saponaria Ocymoides

## P.-W.'s Rock Garden Collection No. 50-D

1 pkt. each of the following 12 varieties:  
**Achillea Tomentosa, Alyssum Saxatile Compactum, Arabis Alpina, Dianthus Plumarius, Gypsophila Repens, Iberis Gibraltaria, Linaria Cymbalaria, Linum Perenne, Primula Auricula, Saponaria Ocymoides, Tunica Saxifraga, Veronica Rupestris.**

Regular Value \$1.30  
All Postpaid for

\$100

## P-W's Rock Garden Collection No. 50-E

1 plant each of the 12 varieties listed in No. 50-D.

Regular Value \$2.10  
All Postpaid for

\$175

# 8 PERENNIAL FLOWERING PLANTS \$1.00

POSTPAID  
YOUR CHOICE OF 8  
HARDY VARIETIES

"For that  
Old Fashioned  
Garden"

This is your opportunity to start the Old Fashioned garden you have always wanted, at unbelievably low cost. The offer includes eight popular favorites, hardy vigorous plants fresh from our own Centerville nurseries. If planted this fall, they are guaranteed to bloom next spring and summer. This is one of the biggest values we have ever offered. Remember transportation charges are paid by us. See varieties listed below.

## Everybody's Favorites

COLLECTION OFFER No. 3

1. Canterbury Bells
2. Coreopsis
3. Columbine, Long Spurred
4. Maltese Cross
5. Sweet William
6. Delmatian Flax (Linaria)
7. Foxglove
8. Hardy Larkspur (Hollyhock type)

One plant each of above eight varieties all delivered to your Postoffice for \$1.00  
(For a general list of perennial plants see page 15.)



# 3 SPECIAL BEAUTIES For 1936

Loveliest Pink Phlox  
in Existence

## New Columbia Phlox

U.S. Plant Patent  
No. 118

Its strength and vigor is something rarely seen in plants. A two-year-old plant will produce from six to fifteen flower spikes; foliage rich dark green, leaves covering the stems down to the ground, mildew is unknown. Flower stalks are about 2 1/2 feet high,

stiff and erect, when cut, last over a week in water. It flourishes after the coldest winter and in the hottest, driest summer. An amazingly good addition to give color and richness to the midsummer border. Each 50c, three for \$1.25, dozen for \$4.50. (See page 50 for other varieties.)

### Royal Lily

(*Lilium Regale*)

One of the most beautiful and hardy lilies in cultivation. A vigorous grower, bearing as many as 18 to 20 flowers in a season. Grows 4-6 feet high. Blooms in June and July. Selected 6-7 in. bulbs, 20c each; \$1.75 doz. postpaid.



### Royal Lily

The most popular Hardy Garden Lily for the West. (See page 56.)

### New All-Double Giant Fringed Petunia

(See Color Cut Below)

For the first time in the history of floral culture, a really 100% all-double production from seed has been realized. Pkt. (100 seeds), 50c. (See page 41.)



New "All Double" Giant Fringed Petunia—100 seeds, 50c—See page 41.

## Shasta Daisy

★**Alaska**—2 ft. Wonderful show of large, white flowers. Fine for cutting. Blooms all summer. Pkt., 10c.  
★**New Double Giant**—Large white very double petals. Pkt., 25c.

## Statice (Sea Lavender)

Large, spreading panicles of light graceful flowers, much prized for winter decoration; dried.  
★**Latifolia**—2 ft. Dense branching plumes of deep blue flowers. Pkt., 10c.

## Sidalcea

★**Rose Queen**—Erect branching plants 2 to 3 feet, producing during June and July pretty, mallow-like flowers, about an inch in diameter. Bright rose color.

## Silene (Catchfly) (R)

★**Schafta** (Autumn Catchfly)—A charming border or rock plant from 4 to 5 inches high, with bright pink flowers from July to October.

## Solidago (Golden Rod)

Hardy, free flowering, and showy yellow-flowers borne in terminal, arching racemes.

★**Virgo-aurea Alpestris**—10 in. Yellow spring. Pkt., 15c.

## Sweet William (R)

★**Single Giant-Flowered Mixed**—Pkt., 10c.

★**Double Giant-Flowered Mixed**—Pkt., 15c.

**Separate Colors**—Single pink and red. Pkt., 10c.

## Stokesia

(Stokes Aster)

★**Cyanea**—18 in. July-Oct. Flowers rich blue, like a giant corn-flower, very distinct. Seed, pkt., 10c.

## Thalictrum

(Meadow Rue)

★**Aquilegialifolium**—Graceful foliage like that of Columbine, and rosy purple flowers from June to July. 2 to 3 feet.

## Tritoma

(Red-Hot Poker)

★**Grandis (Pfitzer)**—Orange-scarlet. 3 ft. August-September. Seeds, pkt., 15c.

## Tunica (R)

★**Saxifraga**—A pretty tufted plant with light pink flowers, produced all summer. Useful either for the rockery or the border. Pkt., 10c.

## Valeriana

(Garden Heliotrope)

★**Coccinea**—Showy heads of old rose flowers. June to October. 2 feet. Pkt., 10c.

## Veronica (Speedwell)

★**Longifolia Subsessilis** (Japanese Speedwell)—The showiest and best of the Speedwells; from a bushy plant 2 to 3 feet high with long dense spikes of deep blue flowers from the middle of July to early in September. Pkt., 15c.

★**Rupestris (R)**—A fine rock plant 3 to 4 inches high; thickly matted deep green foliage, a cloud of bright blue flowers; May. Pkt., 15c.

★**Rupestris Nana (R)**—Prostrate and creeping, forming a dark green carpet of shiny foliage which is covered with deep blue flowers in late April and early May; 1 inch high; one of the best early blue rock plants known. Pkt., 15c.

**PLANTS**—Any of the varieties on this page marked (★) 15c per clump; \$1.50 per dozen; \$11.00 per 100. If by mail, add 5c each or 30c per dozen for packing and postage. Varieties especially adaptable for Rock Gardens are marked (R) immediately after the name.

For Annuals see pages 30-46

P.-W.'s High Altitude Seeds, Shrubs, Trees and Plants Are Hardier

# P.-W.'s PERENNIALS

Both Seeds and Plants

## Vinca (R)

Valuable for rockeries or makes a grand evergreen carpet under and about shrubs and trees.

★**Minor** (Grave Myrtle)—4 in. June. Green foliage, large, blue flowers. Seeds, pkt., 10c.

## P.-W.'s Rock Garden Plant and Seed Collections

For a list of Rock Garden Plants see pages 46 to 53. Varieties especially adaptable are marked (R) immediately after the name.

These are fascinating collections of our own selection. Great care has been made to assemble only such hardy varieties best adaptable to the Rock Garden, all are properly labeled.

### ROCK GARDEN SEED COLLECTION NO. 55A

One packet each of 10 choice varieties (regular value \$1.25) sent postpaid for \$1.00.

### ROCK GARDEN SEED COLLECTION NO. 55B

Two packets each of 15 choice varieties (30 packets in all, regular value \$3.75), for \$2.75, postpaid.

### ROCK GARDEN PLANT COLLECTION NO. 55C

One plant each of 10 choice varieties for \$1.50. prepaid.

### ROCK GARDEN PLANT COLLECTION NO. 55D

Two plants, each of 12 varieties, our special selection for \$3.50, postpaid.

Special leaflet on "Rock Gardens" sent free with each of the above collections.

## Viola (R)

**Jersey Gem**—

Possesses the dwarf habit and continuity of blooming of the true horned Viola (V. cornuta), and vigorous, bushy growth and roundish foliage of the finest English bedding varieties. Pure, rich violet, slightly perfumed. Seeds, pkt., 25c.

**Sweet Violet**—

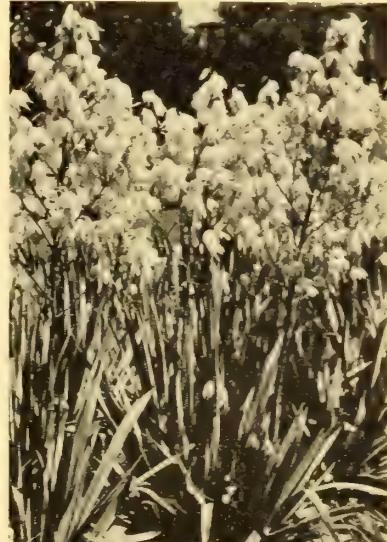
Deep blue, single; extra large. Seeds, pkt., 10c; Plants, 15c ea.; \$1.50 dozen; \$10.00 per 100.

## Yucca

**Filamentosa**—

5-6 ft. or more. June-July. Handsome creamy-white flowers, much branched and densely packed with bloom, with sword-like foliage. Seeds, pkt., 10c.

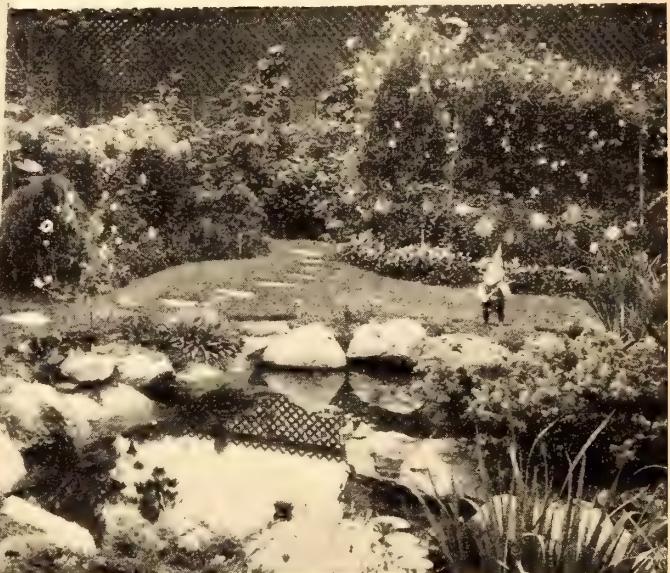
1-year plants, 25c each; \$2.50 dozen.



Yucca Filamentosa (Adam's Needle)

# The Charm and Comfort of Your Own Home Grounds

You — and countless thousands of other home-makers, from one end of the country to the other, have promised that—"This year we, too, will have an outdoor living room," where, away from household cares and worries, you can work among shrubbery and flowers to your heart's content, free from prying eyes; and provide **A Safe Playground for Your Children.**



The above photograph was taken the first year from planting. Every additional season will bring astonishing developments. Start your "Outdoor Living Room" this year.

**Everyone Should Have an Outdoor Living Room—** It costs so little and adds so much to the joy of living! Plan it as you would a room within your home. Let the sod provide a soft, velvety carpet of rich green. Plant trees, shrubs, and evergreen to give privacy. Add color and fragrance by means of hardy flowers. Then set a few trees to provide comfortable shade and perhaps fruit for your table.

**You Can Make All This Come True!**—Start planning right now. You'll be pleasantly surprised at the small investment required.

**Just Send Us a Postal Card Asking for Our Free Sketch Blanks Which Will Enable You to Give Us the Necessary Information.** We will then prepare a plan for you, incorporating original ideas, giving you a practical and artistic effect throughout the year.

**NOTE—For owners of larger places** — Schools, Parks, etc.—We are prepared to make plans by mail, but suggest a personal survey by our Landscape Architect. Our terms are reasonable for such service and will be stated in correspondence.

## Water Gardens

Water Gardens are now all the "rage" and rightly so, for what is there that would give the "Outdoor Living Room" a more distinctive touch than a charming Lily Pool.

If your yard is too small for a large pool, you can at least enjoy a miniature. An attractive pool can be made in a small tub which requires a space no larger than four by four feet. Even with such an improvised pool you can transform an uninteresting spot into a center of interest in your Home Grounds.

### Miscellaneous Aquatic Plants

For marginal and shallow water planting and aquariums.

★**Anacharis (Elodea) Canadensis Gigantea** (Giant Water Weed)—A beautiful submerged plant with dark green ovate leaves and light stems. **20c** each; **\$2.00** per dozen.

★**Cabomba Viridifolia** (Washington Grass)—A pretty and popular submerged plant. **20c** per bunch; **\$2.00** per dozen.

**Cyperus Alternifolius** (Umbrella Plant) — **20c** each; **\$2.00** per dozen.

**Eichornia Crassipes Major** (Water Hyacinth)—Flowers lilac rose in trusses like a Hyacinth. A floating plant. **15c** each; **\$1.50** per dozen.

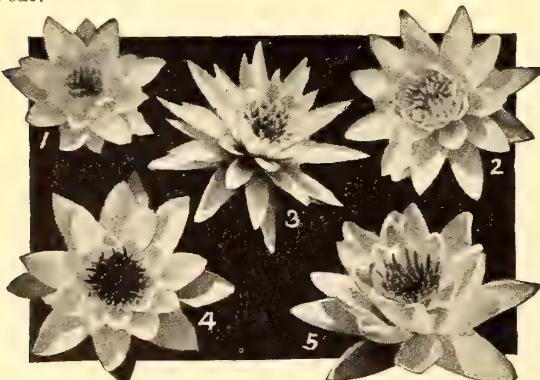
**Limnocharis Humboldti** (Water Poppy) — Flowers yellow, in profusion all summer—leaves and flowers floating—one of the best for shallow water or tub cultivation. **20c** each; **\$2.00** per dozen.

★**Ludwigia Mullerti** — Small ovate leaves green above and pink on the under side. **20c** each; **\$2.00** per dozen.

**Myriophyllum proserpinacoides** (Parrot's Feather)—**20c** each.

★**Sagittaria Sinensis** (Giant Sagittaria)—Broad dark green leaves. **20c** each; **\$2.00** per dozen.

★These are suitable for aquariums.



### P.-W.'s Rainbow Assortment of Five Best Hardy Water Lilies

Water Lilies are ready April to June. Ask for free Water Lily leaflet giving cultural directions.

(1) Rose pink, each, **75c** (3) Bronze, each, **\$2.50**  
(2) Crimson, each, **\$2.00** (4) Pure White, each, **50c**  
Collection No. 62 (5) Bright Yellow, each, **\$1.25**  
One each of the above (5 in all) for **\$6.00**, prepaid.

Porter-Walton Co., Seed and Nursery

Specialists, Salt Lake City, Utah

# Bedding Plants for Every Purpose



Beds of *Geraniums*, *Ageratum*,  
*Centaureas*, and *Sweet Alyssum*  
at our Centerville, Trial Grounds.

From our Centerville Greenhouses we are able to supply a complete selection of Bedding Plants—both potted and grown in flats. They are ready for planting out when warm weather begins, usually the latter part of April or in May in the Salt Lake Valley. The plants we offer are either grown from the choicest seeds or cuttings from select stock plants. They will surely please the most critical. (For Perennial plants see pages 47-53.)

## Annual Seedling Plants

(Ready May 25 to June 15)

These are strong plants transplanted stock, flat grown, from choicest seed strains of the following varieties:

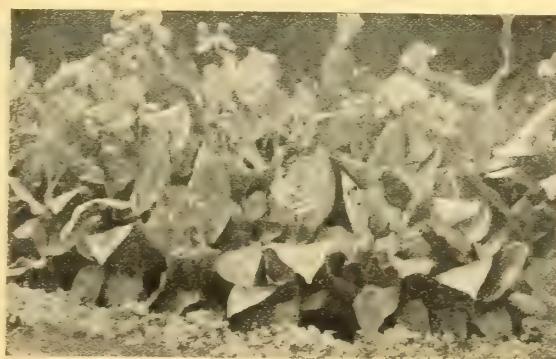
<i>Ageratum</i> —Dwarf Blue	<i>Marigold</i> —French Mixed
<i>Alyssum</i> —Dwarf White	<i>Pentstemon</i> —Mixed
<i>Asters</i> —Mixed	<i>Petunia</i> —Bedding Mixed
<i>Candytuft</i> —Mixed	<i>Phlox</i> —Drummond Mixed
<i>Clarkia</i> —Mixed	<i>Scabiosa</i> —Mixed
<i>Cosmos</i> —Mixed	<i>Salvia</i> —Scarlet
<i>Larkspur</i> —Mixed	<i>Snapdragon</i> —Mixed
<i>Lobelia</i> —Dwarf Blue	<i>Stock</i> —10 weeks Mixed
<i>Marigold</i> —African Mixed	<i>Verbena</i> —Mixed
	<i>Zinnia</i> —Mixed

Price—30c per doz.; \$1.75 per "flat" of approximately 100 plants. If by mail add 15c per doz. for postage and packing.

## Pot Grown Plants

These plants are grown from cuttings from selected stock plants. Ready from April 15 to June 15. Prices f.o.b. Salt Lake City. If wanted by mail add 10c each extra for postage. We recommend express shipment where possible.

	Size	Each	Doz.
<i>Acaranthus</i> —Red Foliage	2 1/2 in.	15c	\$1.50
<i>Begonia</i> —Assorted	2 1/2 in.	15c	1.50
<i>Coleus</i> —Brilliant Colored Leaves	2 1/2 in.	15c	1.50
<i>Geraniums</i> —Double Asst. Colors	3 in.	25c	2.50
<i>Geraniums</i> —Variegated Leaved	2 1/2 in.	15c	1.50
<i>Geraniums</i> —Ivy Leaved	3 in.	25c	2.50
<i>Geraniums</i> —Martha Washington	3 in.	30c	3.00
<i>Ice Plant</i> —Dwarf Trailer	2 1/2 in.	15c	1.50
<i>Marguerite</i> —White Daisy-like	2 1/2 in.	15c	1.50
<i>Petunias</i> —Giant Double Fringed	2 1/2 in.	15c	1.50
<i>Petunias</i> —Giant Single Fringed	2 1/2 in.	15c	1.25
<i>Vinca</i> —Variegated Leaved Trailing	2 1/2 in.	15c	1.50
<i>Wandering Jew</i> —Variegated	2 1/2 in.	15c	1.50



Canna for Beds and Borders

Our Plants Are Packed so That They Will Reach Destination in Perfect Condition

## P.-W.'s Pansy Plants

Without qualification these plants are excelled by none for beauty, variety of color and markings. Grown with the utmost care from the world's best mixture of Pansy seed, it is not putting it too strong when we say, "Positively there are none better." First bloom about April 1. Prices: Large plants in bloom, per dozen, 30c; 100 plants \$2.00—add 15c per dozen for postage.

**Important**—Plants sent by mail have but little soil left on roots, and should receive careful attention upon arrival. If they appear withered, place in luke-warm water for an interval of ten or fifteen minutes. This will revive them.

## P.-W.'s Cannas

Cannas are the most economical and effective plants employed in our Gardens. They bloom from early summer until frost in all sections of the country, succeeding in any sunny position in any kind of soil, but responding quickly to liberal treatment. For best results the beds should be spaded about two feet deep, and a generous amount of well-decayed manure of any kind thoroughly incorporated, and at all times freely watered. They are most effective when planted in masses of one variety, setting out the plants about two feet apart. The dormant roots should be planted inside in February or March and transplanted out-of-doors in the middle of May when weather is warm and settled. Do not water too freely until well started, then they should have an abundance. Plants 18 inches apart. **We list below four of the best canna in cultivation:**

**Hungaria** (3 1/2 feet) The best pink Canna. Flowers very large, with immense petals. Three-inch pot plants.

**King Humbert** (4 feet) Scarlet flowers, bronze foliage; greatest favorite today. This remarkable "Gold Medal" Canna has been the sensation of the past years. Large flowers freely produced, and handsome broad, tropical foliage.

**The President** (4 feet) In color a rich glowing scarlet with immense rounded flowers, seven inches across when fully open, are produced on strong stalks well above the heavy foliage. Free bloomer and strong grower.

**Yellow King Humbert** (4 feet) Foliage a very dark green, flowers a deep rich yellow, softly spotted and blotched with bright red; measuring 5 to 7 inches across, individual petals 3 to 3 1/2 inches in diameter. An orchid flowering sport of the well-known variety King Humbert.

**Price—Dormant Roots** — Extra large size any of above, each, 15c; dozen, \$1.50, postpaid. Not prepaid, \$1.25 per dozen; \$9.00 per 100.

**Canna Plants** Strong, well established pot grown plants, ready in May. All of the above named varieties, each, 25c; dozen, \$2.50; 100, \$15.00. Plants all f.o.b. Salt Lake. We recommend express shipment.

## P.-W.'s Canna Collection Offer No. 55

One strong dormant root each of the above four varieties postpaid for

**50c**

# P.-W.'s Assortment Spring BULBS



Caladium (Elephant's Ear)

## Apios Tuberosa

Splendid hardy climber. Will grow to a height of 8 to 10 feet, vine and foliage resembling a Wistaria; deep purple color; fragrant. Each, **15c**; doz., **\$1.50**; 25 for **\$2.50**, prepaid.

## Cinnamon Vine

A rapid growing climber, taking its name from the peculiar fragrance of the delicate white flowers. Leaves heart-shaped, bright glossy green. Each, **10c**; dozen, **\$1.00**, postpaid.

## Lily of the Valley (Convallaria Majalis)

**American Pips** (for outside planting) — Extra strong clumps, **40c** each; **\$5.00** per doz. **Pips**, 25 for **\$1.00**; 100 for **\$3.50**.

## Madeira Vine

One of the most popular climbers, succeeds in any location, doing best, however, in a sunny sheltered place; foliage very dense. Strong tubers. Each, **10c**; dozen **90c**, postpaid.

## Begonias

**Tuberous Rooted**—Unexcelled for summer bedding, such as lawn beds and borders. Make fine pot-plants. When fully exposed to the sun the beds must be kept moist. Do well in shady locations.

**Single or Double Sorts**—Red, orange, rose, salmon, and mixed. **Bulbs**,  $1\frac{1}{2}$ -2 in., each, **20c**; doz., **\$2.00**; 100, **\$15.00**, prepaid.

## Caladium or Elephant Ear

Plant in rich soil and give plenty of water. With such treatment a selected size bulb will make a plant about 4 feet high, with leaves 3 feet long and 20 inches wide. First size, large bulbs, each, **25c**; dozen, **\$2.50**.

## Tuberose

**Double Dwarf Pearl**—Lovely waxy double flowers, very fragrant. For open ground culture plant in May or June in a warm location. Each, **8c**; dozen, **75c**, postpaid.

## P.-W.'s Hardy Garden Lilies

The sorts offered below can be planted with excellent results during the early spring months. It is in the hardy border that lilies do best, as they get the benefit of the shade of the surrounding plants, which is so necessary for their welfare; other varieties should be planted in the autumn, and are offered in our autumn catalog.

**Auratum** (Golden-banded Japan Lily) Large, graceful, fragrant flowers composed of six petals, delicate ivory-white thickly studded with chocolate-crimson spots and striped through the center a golden-yellow. 3 to 5 feet. July, September. Plant bulbs 8 to 10 inches deep. Large flowering bulbs. **\$3.00** per doz.; **\$20.00** per 100.

**Superbum**. Can be planted in garden or meadow. Often grows over 8 feet high and produces 20 to 30 orange-red flowers in July. Plant bulbs 5 inches deep in moist peaty soil for best results. **\$2.00** per doz.; **\$12.00** per 100.

**Royal (Regale)**. One of the most beautiful yet introduced. 3 to 5 feet high, blooms in July; hardy and flourishes under varied conditions. Delicately scented flowers, produced freely, are ivory-white, shaded pink, tinged with canary-yellow. Plant 6 inches deep. Large flowering bulbs (7-8 inches). **\$2.50** per dozen.; Second size bulbs (6-7). **\$1.75** per dozen.

**Speciosum Magnificum**. Better than Rubrum. The form is white, flushed pink, and heavily spotted and banded with carmine. The stem is about 4 feet high and has fresh, green lance-shaped leaves. Late August and early September bloomer. Plant the bulbs 9 to 12 inches deep. First size bulbs: **\$3.00** per doz.; **\$20.00** per 100.

**Tiger Lily**. The flowers are orange, spotted purple, opening in August and September on 2-4 foot stems. Plant bulbs 9 inches deep. **\$2.50** per doz.; **\$17.50** per 100.



Tuberous Double Dwarf Pearl

## Ask for Our Fall Catalog

**Hyacinths, Tulips, Narcissus, Hardy Lilies, Etc.**  
For Fall Planting

These are supplied by us in great variety. The Dutch Bulbs come to us in car load lots direct from Holland's most critical growers.

## Collection Offer No. 56-A

**Those glorious, colorful Tuberous rooted Begonias for shady places:** 1 bulb each of single and double in the following colors: red, rose, orange, and salmon—8 bulbs in all.

Regular value **\$1.60**, all postpaid for

**\$125**



## Hardy Lily Collection No. 56-B

One each of  
the five lilies  
listed here (re-  
tail value **\$1.30**)  
all for

**\$1.00**  
Postpaid

Regal Lily

# P.-W.'s Beautiful Double PEONIES

Peonies will do well in almost any garden soil. The roots should be placed so that the crowns are covered with two or three inches of soil. Too deep planting is a frequent cause of shy flowering.

**NOTE:**—Figures following varieties indicate the rating given them by the American Peony Society. The highest rating a peony can receive is 10. There is no variety yet with such a rating; 9 is excellent, 8 is very good, 7 is good.

## Prices Include Delivery Charges

**Albert Crouse.** 8.6—Bomb type. Late. Shell pink. Center slightly flecked crimson. Large, compact and vigorous. 45c each; \$4.50 per dozen.

**Baroness Schroeder.** 9.0—Rose type; late. White with shading of flesh. This is one of the finest Peonies. Its immense flowers of great substance with high chalice-shaped center are freely produced lasting a long time. Very fragrant. 40c each; \$4.00 per dozen.

**Bellois.** 8.0—Large, bright currant-red shaded amaranth. 35c each; \$3.50 per dozen.

**Duchesse de Nemours.** 8.1—Guard petals white, center lemon-yellow, cup-shaped; at first it develops into a large bloom, gradually fading to white; fragrant; strong grower and free bloomer. Extra good commercial variety. 25c each; \$2.50 per dozen.

**Duchess d'Orleans.** 7.6—Medium to large; dark carmine-pink and salmon; bomb type; fragrant. A profitable cut flower as it blooms freely and ships well. Midseason. 25c each; \$2.50 per dozen.

**Edulis Superba.** 7.6—This is the famous Decoration Day Peony. Color a beautiful bright clear pink, with silvery reflex. 25c each; \$2.50 per dozen.

**Felix Crousse.** 8.4—Large, ball-shaped bloom; very brilliant red. One of the finest self-colored varieties. 35c each; \$3.50 per dozen.

**Festiva Maxima.** 9.3—The finest white in cultivation. 25c each; \$2.50 per dozen.

**Grover Cleveland.** 8.2—Rose type. Late. Dark crimson. Very large and full. Tall. One of the best red varieties. 50c each; \$5.00 per dozen.

**Karl Rosenfield.** 8.8—Large, globular, compact, semi-rose type. Dark crimson. Midseason. Very fine. 50c each; \$5.00 per dozen.

**L'Eclatante.** 7.2—Bomb type. Midseason. Flowers very double and full; color deep, brilliant velvety-crimson. 40c each; \$4.00 per dozen.

**Madame De Verneuil.** 7.9—Bomb type, early. Full and double, of the purest white suffused with daintiest blush except a few cream-colored petals and four red flakes on central petals. Rose fragrance. 25c each; \$2.50 per dozen.

**Madam Léonie Calot.** 8.1—Milky-white, flesh tinted flecked with crimson. Late midseason. 40c each; \$4.00 per dozen.

**Marie Jacquin.** 8.3—Midseason. Semi-rose type. Known as the "Water-Lily Peony." Very interesting on account of its variable forms. Color is a most delicate flesh tint that gives way to lilac-white. Semi-double; blooms in profusion. 50c each; \$5.00 per dozen.

**Mme. Jules Dessert.** 9.4—White, shaded with buff and Salmon tints, large flower. Medium height, strong grower. Midseason. A superior variety. 90c each; \$9.00 per dozen.

**Mons. Jules Elie.** 9.2—Immense globular, very full flowers. Color glossy lilac-pink, shading to deeper rose at base, the entire flower overlaid with a sheen of silvery hue. Early midseason. 50c each; \$5.00 per dozen.

**Mons. Martin Cahuzac.** 8.8—Dark purple-garnet with black reflex. Perhaps the darkest colored peony in existence. Much sought after by fanciers. \$1.25 each.

**Officinalis Alba.**—Extra early, large, old-fashioned double white, 50c each \$5.00 per dozen.

## P.-W.'s Peony Collection No. 57-A

Here is a splendid selection of a half dozen best standard varieties as follows:

- 1 **Duchess de Nemours**
- 1 **Festiva Maxima**
- 1 **Officinalis Rubra**
- 1 **Felix Crousse**
- 1 **Edulis Superba**
- (Regular Value \$2.00)

**\$1.60**  
Postpaid

## Bleeding Hearts

(Dicentra)

**Spectabilis**—Its long racemes of graceful heart-shaped pink flowers are always attractive. Is perfectly at home in any part of the hardy border and especially valuable for planting in the shade. Strong roots. Each, 40c; doz., \$4.00.



Grover Cleveland

**Exima (R)**—Plumy Bleeding Heart. Dwarf, 12 inches. Racemes of pendant pink flowers borne above fine cut feathered foliage. Plants, each, 40c; doz., \$4.00.

**Officinalis Rosea**—Extra early double rose pink. 50c each; \$5.00 per dozen.

**Officinalis Rubra**—Extra early, large globular, brilliant crimson. The very popular old time "Piney" first of all in Peonies to bloom in the spring. 45c each; \$4.50 per dozen.

**Philomèle.** 7.7—Striking flower. Guards bright violet-rose. Center deep golden yellow, changing to amber-cream with small crown of bright rose, edged crimson. Midseason Anemone type. An unusual sort, 50c each; \$5.00 per dozen.

**Richard Carvel.** 8.8—Bright crimson. Large, bomb type; tall, profuse bloomer. Very fragrant. A magnificent early Peony. 75c each; \$7.50 per dozen.

**Rubra Superba.** 7.2—Magnificent rich brilliant crimson. Very large, full, and double. Highly fragrant. Decidedly the best late red Peony. 40c each; \$4.00 per dozen.

**Sarah Bernhardt** 9.0—Apple blossom pink; the strongest growing varieties, flowers of remarkable size, full and double, of unusual perfection of form. Color a beautiful mauve-rose with silver tips. 75c each; \$7.50 per dozen.

**Therese** 9.8—Violet-rose, changing to lilac-white; midseason. Considered by the American Peony Society the most nearly perfect peony in cultivation. \$1.25 each; \$12.50 per dozen.

## Unnamed Double Peonies

Strong 3-5 eye divisions of good varieties which we have in surplus. We furnish these in separate colors.

**Red, White and Pink,** at 25c each; \$2.50 per dozen.

## Fern Leaved Peony

**Tenuifolium**—A very interesting, early flowering, red variety that is seldom found in catalogs. It is so distinct from all other varieties that it deserves a place in every collection. Its delicate fringed, fern-like foliage always attracts attention. It blooms very early, before the popular Chinese varieties. Our stock is limited. Price, \$1.50 each; \$15.00 per dozen.

## P.-W.'s "Prize Half Dozen" Peonies Collection

### No. 57-B

One large root each of the following:

- Karl Rosenfield—Dark red
- Mons. Jules Elie—Deep pink
- Richard Carvel—Red
- Marie Jacquin—Flesh
- S. Bernhardt—Pink

(Regular Value \$3.50)

**\$275**  
Postpaid

## New Japanese Peonies

**Akalu (Japan)** 8.1—Very large deep carmine flowers of uniform color. Clear even tone, fine form and immense in size. Huge center of saffron yellow petaloids. Fine grower and free bloomer. \$1.25 each.

**Fusayama** (single)—Soft flesh-pink, changing to white with age; large flowers. \$1.00 each.

**Mikado** 8.6—Japanese; dark, brilliant crimson petals, center cushion of golden yellow petaloids, crimson edged; long, wiry stems; an exquisite flower. \$1.00 each.

# GLADIOLUS—for Garden Display

A succession of bloom may be had from July to October by making plantings two weeks apart from the end of June. To make a good show they should be planted from three to four inches apart each way, the large bulbs being covered about six inches deep, small ones about three to four inches. Six and over furnished at dozen rates; 25 and over 100 rates. **Delivery charges on all Gladiolus are Prepaid at Catalog Prices. All prices are based on first size bulbs, unless otherwise noted.**

**Betty Nut-hall** A warm, light coral with pale orange throat and a light feathering of carmine. The florets are often six inches across, of splendid substance and placement. Each, 7c; dozen, 65c; 100, \$4.50.

**Crimson Glow**—Exceedingly rich brilliant crimson flowers. Each, 4c; dozen, 40c; 100, \$2.75.

**Dr. F. E. Bennett**—Peach-red overlaid, with flame-scarlet, throat stippled with ruby and white. A very large, attractive red with plenty of vigor. Each, 5c; dozen, 50c; 100, \$3.50.

**Chas. Dickens** (Pfitzer)—Large, deep, rich velvety claret purple with darker blotch. 7c each; 65c dozen; \$4.25 per 100.

**Giant Nymph**—A giant-flowered light rose-pink with creamy yellow throat. It contains some Primulinus blood. Each, 4c; dozen, 40c; 100, \$2.75.

**Gold Eagle**—Deep rich yellow, petals frilled, 5c each; 50c dozen; \$3.50 per 100.

**Marmora** It is large, stately, and most unusual in colors which are lavender gray with petunia colored blotch. Each, 7c; dozen, 65c; 100, \$4.50.

**Minuet** Clear light lavender with just a hint of opalescent shading. In our opinion this is still the finest of all lavender varieties. 6c each; 55c per dozen; \$3.75 per 100.

**Mrs. Frederick C. Peters**—Beautiful rose-lilac, with crimson blotch bordered white on lower segment; resembling an orchid in color. Flowers very large. Each, 5c; dozen, 50c; 100, \$3.50.

**Mrs. Von Konynenburg**—A charming light blue Gladiolus forming tall elegant spikes. An excellent color. Each, 7c; dozen, 70c; 100, \$5.00.

**Mrs. H. E. Bothin**—Light salmon-pink with flame-scarlet center. A showy variety with ruffled petals. Each, 5c; dozen, 50c; 100, \$3.50.

**Mrs. Leon Douglas**—Magnificent large blooms on long, heavy spikes. A brilliant Begonia-rose, striped orange and scarlet. Each, 5c; dozen, 50c; 100, \$3.50.

**Mrs. P. W. Sisson** Immense ruffled soft pink. 5c each; 50c dozen; \$3.50 per 100.

**Pfitzer's Triumph** Perhaps the largest and finest salmon-red. Very vivid, extremely showy. 7c each; 65c dozen; \$4.50 per 100.

**Picardy** An outstanding prize winner. Beautiful apricot-pink, soft and rich, deeply feathered. Very long spikes with many large florets slightly ruffled. Truly magnificent. 10c each; \$1.00 dozen; \$7.50 per 100.



Gladiolus

**Pink Wonder** Immense flowers of splendid texture and artistic placement. Color or a lovely La France pink, pale in the throat but increasing in intensity toward the edges of the petals. Each, 6c; dozen, 60c; 100, \$4.00.

**W. H. Phipps**—Large clear pink overlaid with light rose-salmon, very faintly striped and speckled with ruby. Each, 6c; dozen, 60c; 100, \$4.00.

**E. J. Shaylor**—Pure deep pink, ruffled. Each, 4c; dozen, 40c; 100, \$2.75.

**Paul Pfitzer** Rich amaranth-red with a striking velvety sheen. Artistic long spikes. Each, 7c; dozen, 70c; 100, \$5.00.

**Tycko Zang**—Ruffled, clear salmon-pink blooms with a white throat faintly dotted with deep cerise. The blooms are well placed on a fine, straight spike. Each, 5c; dozen, 50c; 100, \$3.50.

**White Giant**—A gorgeous pure white of extra size. Each, 6c; dozen, 60c; 100, \$4.00.

**P.-W.'s Superb Mixed** Our special mixture from the best named and hybrid Grandavenis, Childsii and European types. A well blended combination of all colors, shades and combinations. Dozen, 35c; 100, \$2.50.

## P.-W.'s Primulinus Hybrid Mixture for Cutting

This type produces well-shaped blooms artistically arranged on long slender spikes. Very graceful for bouquets. Color range is golden-yellow, salmon, apricot, bronze, pink, scarlet, and crimson. We offer an especially well balanced color assortment in this mixture. 40c dozen; \$2.75 per 100.

## P.-W.'s Prize Winning Collections of Six Special Merit Gladiolus

These collections contain **Picardy**, **Pfitzer's Triumph**, **Chas. Dickens**, **Minuet**, **Gold Eagle**, and **Betty Nuthall**.

**COLLECTION NO. 58-A**  
12 bulbs, (2 each of the above, Regular value 84c), for ..... 70c

**COLLECTION NO. 58-B**  
24 bulbs, (4 each of the above, Regular value \$1.68), for ..... \$1.25

**COLLECTION NO. 58-C**  
48 bulbs, (8 each of the above, Regular value \$3.36), for ..... \$2.25

## A Colorful Garden of Gladioli for \$1.00

### Collection No. 58-D

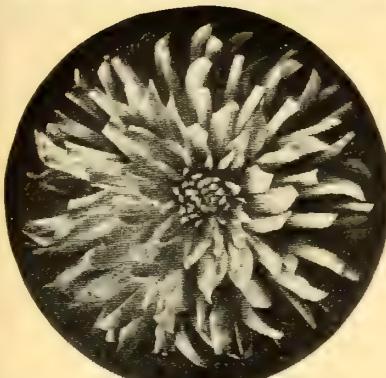
**P.W.'S FAMOUS \$1.00 OFFER**

**NO. 58-D**

**\$100**

A dollar never bought more of beauty than our Special offer of 50 Flowering Size Bulbs of P.-W.'s Glorious Gladioli, including not less than Five Varieties for \$1.00. Rarely are flowers of the highest merit the most easily grown and surest of success. But such is the case with Gladioli. If there is room for a single flower in the garden it should be this. 50 BULBS, Flowering Size, not less than five Varieties, postpaid for

# For Garden and Cutting—DAHLIAS



Typical Cactus Dahlia

**CULTURE** — Plant when danger of frost is over. If possible plant in an open, sunny situation. Prepare the soil thoroughly by deep digging. Be moderate in the use of both manure and water. Never plant when soil is wet. Lay the tuber flat on its side and cover it four to five inches deep, pressing the soil firmly on the tuber. Keep the soil loose and mellow by frequent hoeing, drawing the soil to a slight hillock around plant.

**P.-W.'s List of Popular Priced Varieties in all the Most Desirable Shades and Colors.** Every one is a gem. There is not a "dud" in the list. Unless otherwise specified, all varieties on this page are 25c each; \$2.50 per dozen, postpaid.

Various types are indicated by letters immediately following the name: (C) — Cactus; (HC) — Hybrid Cactus; (D) — Decorative; (P) — Peony Flowered; (S) — Show.

The number in ( ) at end of description is the approximate height in feet.

**Amun Ra** — (D) — Giant copper and orange, shading to gold and amber, deepening in the center. (4) Each, 35c.

**Avalon** — (D) — Immense golden-yellow. A good keeper. (4) Each, 35c.

**Bashful Giant** — (D) — Apricot with golden shadings. Excellent for exhibition. Very large. (3).

**Bon Ton** — (S) — An extra fine ball-shaped flower of deep garnet red. (4).

**Bride's Bouquet** — (C) — Pure white on extra long wiry stems. Blooms freely. An excellent keeper. (3).



Typical Decorative Dahlia

Unless otherwise specified, all varieties on this page are 25c each, \$2.50 per dozen, postpaid.

**Chicota** — (P) — Perfectly formed large golden yellow flowers. Exceptionally long stems. (3).

**Countess of Lonsdale** — (C) — Perfectly formed free flowering, of exquisite rich salmon. (3).

**Dee-Lighted** — (S) — Very large pure white flowers. A strong erect grower. (4).

**Delice** — (D) — Perfectly shaped glowing rose-pink flowers on stout stiff stems. Excellent for cutting. (4).

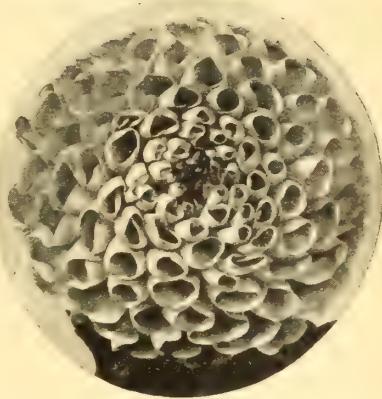
**Dr. I. B. Perkins** — (D) — Large pure white flowers on long stiff stems. Excellent for cutting. (5).

**Geo. W. Gero** — (S) — Perfectly formed, clear rich pink flowers. Fine for cutting. (5).

**Jersey Beauty** — (D) — Finest rose-pink perfectly formed flowers. Long stiff stems. (5). Each, 35c.

**La Grand Manitou** — (D) — Immense very attractive flower. Color purple mottled and streaked with crimson, sometimes solid purple. (3).

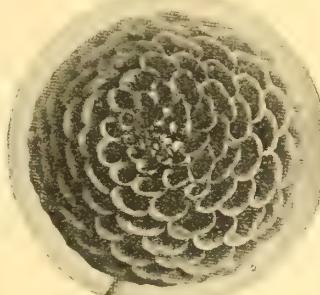
**Mrs. I. De Ver Warner** — (D) — Large, perfect deep mauve-pink flowers on stout stems. A free bloomer and an excellent grower. (4). Each, 35c.



Typical Show and Fancy Dahlia

**Sweetheart's Bouquet** — (P) — Very large early blooms of a unique shading of salmon-rose shaded with fawn. Continuous bloomer. (5).

**Victory** — (S) — Immense perfectly formed flowers. Color deep yellow tipped and shaded cherry red. (4).



Pompon Dahlia

**Mrs. Thos. Burch** — (D) — Rich old gold, sometimes marked with pink, shading to fawn. Stems long and rigid. Full size flowers fine for cutting. (4).

**Pride of California** — (D) — Exceptionally fine large full vivid red flowers. (4).

**Rollo Boy** — (C) — Very large, color, delicate amber shading to old gold. (4). Each, 35c.

**Stradella** — (S) — Flowers purple, very large, rounded, and full. (4).

## Pompon Dahlias

For cutting purposes the Pompon Dahlias have no equal, lasting for days, even in the hottest weather. All varieties listed below grow about 3 feet high.

**Amber Queen** — Rich old gold. Fine flower and stem.

**Dee Dee** — Fine lavender.

**Isabel** — Vivid scarlet.

**Joe Fettie** — Pure white. Excellent for cutting.

**Rosa Wilmoth** — Rose-pink. Good cutting variety.

**Yellow Gem** — Pure bright yellow.



Type of Peony Flowered Dahlia

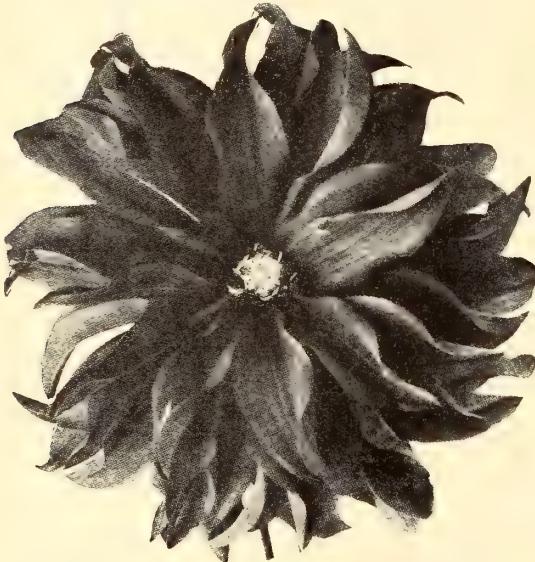
# P.-W.'s DAHLIAS - Special Merit

Collection of New and Worthwhile Varieties — All Prize Winners

N. B. Letter immediately following names indicates the type of flowers:

(C) Cactus; (HC) Hybrid Cactus; (D) Decorative;  
(P) Peony Fl.; (S) Show. (See page 59.)

All are prepaid at prices named. Number in ( ) indicates approximate height in feet.



The "Kiwanian" (Peony Flowered Type)

**Chemar's Eureka** — (D) — One of the finest pure whites. Flowers very large, excellent form. Medium stems. Highly recommended. (3). Each, 50c.

**Edna Ferber** — (HC) — Very large and full with curved shaggy petals. Stems long and rigid. Color, coral shaded to old gold. Excellent. (3). Each, 60c.

**Jane Cowl** — (D) — A success wherever grown. Color, a warm buff and old gold, blending to apricot and rose at the center. Bush growth is ideal with strong stems holding the giant flowers upright. Sure to please. (5). Each, 45c.

**Jersey Beacon** — (D) — A decided novelty of Chinese scarlet with a paler reverse, giving a two-toned effect. A grand exhibition flower. (3). Each, 45c.

**New Kalif** — (HC) — A truly majestic pure scarlet. Gigantic flowers produced freely on strong, stiff stems make this very effective for cutting. (4). Each, 50c. (See color plate.)

**Kiwanian** — (P) — Large and perfect in form, measuring 8 to 9 inches normally. Disbudded it will reach 11 to 12 inches. Among the very best of this type. Color, rich American Beauty red, shading to purple red. (5). Each, 45c.

**Meditation** — (D) — Flowers borne on long, erect stems. Color, light delicate lavender. A very free and early bloomer. (4). Each, 50c. (See color plate.)

**Mordella** — (D) — Large perfectly formed flowers borne on long wiry stems. Color, salmon pink to old rose. (5). Each, 50c.

**Mrs. Henry Sewall** — (HC) — This grand novelty is truly a majestic flower. The plant is strong and healthy, producing extra large flowers in great profusion. Without disbudding reaches a size of 8 to 9 inches in diameter. By disbudding will make 11 to 12 inches diameter. Petals are long and shaggy, curved backward giving a plumed effect. Color, beautiful clear lemon-yellow which does not fade with age. Early and continuous bloomer. The best yellow Dahlia we have yet seen. See color plate, opposite page. (5). Each, \$2.00.

**Ninfea** — (HC) — Color, a soft lavender pink, shading to creamy white in center, its petals greatly resembling a water-lily, from which it derives its name. (3). Each, 60c.

**Ophir** — (D) — Good size and of fine form, the petals are slightly relaxed giving a very pleasing appearance. In color, a rich old gold, shading to amber. (4). Each, 45c.

**Radio** — (D) — One of the greatest dahlias. Can be grown 11 to 12 inches in diameter. Color, blood red, edged and tipped with yellow. Must be seen to appreciate its beauty. (4). Each, 45c.

**Rosa Nell** — (D) — A pure bright rose in color, so rich, strong and rare that it stands alone in color class. Excellent keeping qualities. (3). Each, 45c.

**Tommy Atkins** — (D) — Richest gold scarlet, a color that glistens in the sunshine. Giant size. Always attracts attention. (4). Each, 50c.

**Virginia Rae** — (D) — Large flowers evenly formed and quite full, ranging from 6 to 8 inches in diameter. Strong medium stems. Color, old gold shaded to light terra cotta. An excellent exhibition flower. (4). Each, 50c. (See color plate.)

## Collection Offer No. 60 PRIZE WINNING DAHLIAS

This contains one each of the following:

**Edna Ferber** — Old Gold    **Mordella** — Salmon  
**Jersey Beacon** — Scarlet    **Radio** — Red-Yellow  
**Kiwanian** — Rose Red    **tipped**  
**Meditation** — Lavender

6 Choice Tubers in All  
(Regular price \$2.95)  
Postpaid for

**\$225**



Decorative Type of P.-W.'s Special Merit Dahlias

# PORTER-WALTON'S BIG FOUR DAHLIA COLLECTION

OFFER No. 61A

One each of all  
four varieties on  
this page (regular  
value \$3.50).

\$250

POSTPAID



MRS. HENRY SEWELL — New Hybrid,  
see p. 60. \$2.00 Ea.



NEW KALIF — Hybrid  
Cactus. Magnificent  
scarlet. 50c each. (See  
page 60.)

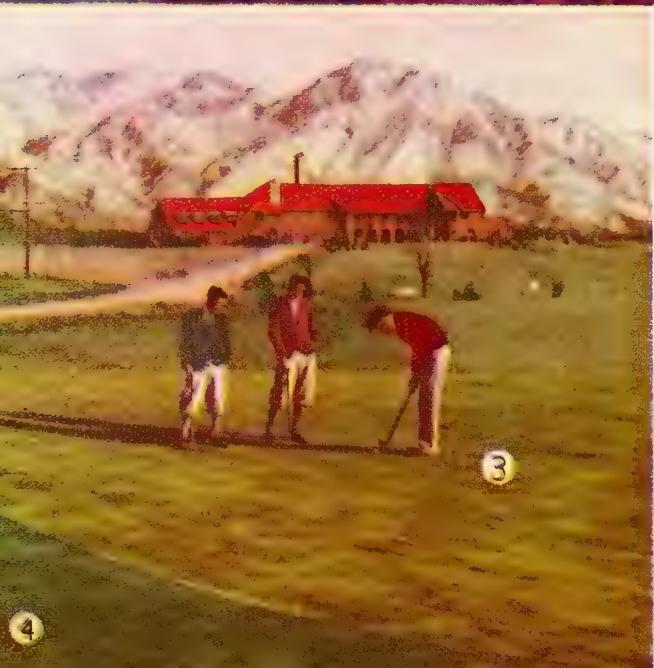


MEDITATION — 50c  
each, postpaid.



VIRGINIA RAE —  
50c each, postpaid.

Plant Dahlias liberally and enjoy a riot of color  
in your late Summer and Autumn Garden.



1. P.-W.'s VELVE GREEN MIXTURE makes smooth green sward. The best all-purpose lawn seed. Lb., 50c; 1 lbs., \$1.40; 10 lbs., \$4.50, post paid. (See next page.)

2. P.-W.'s SHADY NOOK MIXTURE. Selected grasses adaptable for growing under trees and in shady places. Lb., 60c; 3 lbs., \$1.65; 10 lbs., \$5.25, post paid. (See next page.)

3. P.-W.'s SPECIAL PUTTING GREEN MIXTURE is composed of grasses which make a firm even smooth turf that stands severe tramping. Lb., \$1.20; 5 lbs., \$5.75; 10 lbs., \$11.00, prepaid.

4. P.-W.'s SPECIAL ATHLETIC FIELD MIXTURE. Composed of sturdy grasses that stand severe wear and tramping. Lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.25, postpaid. Write for quantity prices.

# P-W'S SELECTED LAWN SEED



The "Grass Carpet" is an important factor in the beauty of the "Outdoor Living Room"

## How to Make a Lawn

The ground should be well spaded and thoroughly raked, so that the soil is fine and free from lumps and its surface smooth, even and firm. If a thick, heavy sod is wanted quickly, seed should be sown at the rate of one pound to 150 or 200 square feet. It takes twice as much seed to make a lawn as it does for raising hay and it frequently happens that good results are not obtained on account of scanty seed. A dressing of granulated Peat Moss on a new lawn is very beneficial. (See page 76.)

**P.-W.'s Leaflet on "How to Make and Care for a Lawn" Sent Free Upon Request—Write for a Copy**

The lawn is the most important factor in the development of the home grounds. It furnishes the setting for the house and puts the finishing touch on an attractive home. Proper grass seed mixtures cannot be selected and compounded in a haphazard manner. It requires precise knowledge and experience to produce a formula that will meet the varying conditions of soil, situation and climate and produce throughout the entire season a beautiful green sward. Through years of experimentation we have developed Lawn Grass Mixtures which we can unhesitatingly recommend. They are composed of only plump, clean, vigorous seeds which are sure to produce satisfactory results.

### P.-W.'s Velvet Green Lawn Mixture

The best lawn seed experience can suggest or that money can buy. Produces a beautiful permanent lawn in four to six weeks. By properly choosing early, medium and late grasses a smooth, even green lawn is assured from early spring to late autumn. In P.-W.'s Velvet Green Grass Seed are included only the very best varieties—pure, clean and free from foul seed. Sow at rate of one pound to 200 square feet. Price: Lb., **50c**; 3 lbs., **\$1.40**; 10 lbs., **\$4.50**, postpaid. Not prepaid. Lb., **50c**; 10 lbs., **\$3.75**.

**P.-W.'s Creeping Bent** This is the true Creeping Bent Grass, which we are able to offer to the trade this season. P.-W.'s Creeping Bent has been harvested under closest inspection. Especially recommended for Lawn and Golf Courses, for the reason that it makes an exceptionally fine turf that smothers out dandelions and other weeds. It is an ideal lawn grass, makes a very fine, green color, close sward and adapts itself readily to any soil.

Sow in Fall or Spring, 3 to 4 pounds to 1,000 sq. ft. We offer the best grade. 1 lb., **\$1.50**; 3 lbs., **\$4.25**, postpaid. Not prepaid. Lb., **\$1.45**; 10 lbs., **\$14.00**.

**P.-W.'s Shady Nook Lawn Mixture**—See page 62.

### P.-W.'s Special Bent Mixture

#### A LAWN WITHOUT WEEDS

This splendid mixture is made up of grasses that will make a closely woven tough turf, choking out weeds and producing a beautiful green sward. We especially recommend this to situations where trouble is had with Dandelions and other objectionable weeds.

Lb., **75c**; 10 lbs., **\$7.00**, prepaid. Not prepaid. Lb., **70c**; 10 lbs., **\$6.50**.

**Red Top Grass** Fancy **recleaned solid seed**; in popularity for lawn use it is a close second to Kentucky Blue Grass. Lb., **30c**; 10 lbs., **\$2.75** postpaid. Not prepaid, lb., **25c**; 10 lbs., **\$2.25**.

**Kentucky Blue Grass** Triple **Cleaned**. The main stay for lawn making; our stock is extra fancy recleaned, heavy seed. The purest and cleanest obtainable. Lb., **45c**; 3 lbs., **\$1.20**, postpaid. Not prepaid, lb., **35c**; 10 lbs., **\$3.25**.

**White Clover** First class recleaned seed. Speci- ally selected for lawn use. Lb., **60c**; 3 lbs., **\$1.65**, postpaid. Not prepaid, lb., **55c**; 10 lbs., **\$5.00**.

**For golf and athletic field mixtures see page 62.**  
**The very best lawn fertilizer we know of at present is "Vigoro" (See page 77.)**

### Landscaping Advice

This service is cheerfully rendered to all our customers desiring it.

A competent Landscape Architect, with wide, practical experience, is in charge and the same careful attention will be given the smallest home grounds as is accorded to the largest estates.

A postal card, signifying your interest will put you in immediate touch with this invaluable service.

# ALFALFA (LUCERNE) Wonder Crop of the West



## Why Alfalfa Pays Best of All Crops

1. Alfalfa is easier to start than clover.
2. It withstands drought because of its long penetrating roots.
3. It is the most nutritious hay for livestock.
4. It makes dairying pay better.
5. It also makes good green feed for poultry.
6. It is the best of all soil builders.
7. It exterminates weeds by crowding them out.
8. Good alfalfa seed brings a good price.
9. It is unequalled for hog pastures.

Prices on all Alfalfa and Clover Seeds subject to market changes. Ask for quantity prices. Seamless bags extra, at cost. Inoculate all Clovers. (See page 76.)



**Grimm Alfalfa** This variety is especially recommended for shallow soils or those underlaid with hardpan. The claim made for it is that in addition to extreme hardiness it has spreading roots instead of a single taproot and that it makes underground creeping stems. We offer as follows:

**"White Tag"**—Certified Purity 98.5%. Lb., **30c**, postpaid.

**"Blue Tag"**—Certified seed, purity 99.25%. Price, **35c** per lb., postpaid.

**"Purple Tag"**—Certified seed, purity 99.50%; removed not more than three generations from stock of introducer. Price, **45c** per lb., postpaid.

**Hardy Desert Alfalfa** This splendid variety has been a boon to the farmers wherever planted. It stands head and shoulders above them as a drouth resister. "Hardy Desert" is the selection from the far famed Utah Dry Land type. It will live and thrive in the most trying arid situations where all others fail. Its roots pierce the soil until moisture is reached, even a depth of twenty to thirty feet has been traced in some dry localities. It produces even under adverse conditions but in favorable situations under irrigation it is a prodigious yielder. As a dairy, poultry or stock feed it is unexcelled. Very desirable also as a rotate crop since it supplies the much needed nitrogen and humus. All in all no more profitable crop has been grown in this region. Our seed is genuine, thoroughly cleaned and dependable. Fancy grade, lb., **30c**, postpaid. Not prepaid, 10 lbs., **\$2.50**; 100 lbs., **market price**.

## Clovers

**Alsike** Is recommended both for sowing with Timothy and also with the Red and Mammoth Clovers, as well as for a hay crop by itself. It does not winter-kill. The use of Swedish Alsike Clover is increasing rapidly; cattle prefer it to other clovers. It is very fine for honey bees. Sow at the rate of six or eight pounds per acre; sown in mixtures, five or six pounds per acre is sufficient. Lb., **40c**, postpaid. Not prepaid, 10 lbs., **\$3.50**; 100 lbs., **market price**.

**Medium Red** (*Trifolium Pratense*) — Is a dependable, all-around variety for farmers and stockmen. It makes two crops each year. Sow either in the spring or fall at the rate of fifteen pounds to the acre. Lb., **35c**, postpaid. Not prepaid, 10 lbs., **\$3.00**; 100 lbs., **market price**.

## SWEET CLOVER

**White Blossom** (*Melilotus Alba*) — As a money-maker this has been rightly named "Alfalfa's Twin Sister." Its value in the redemption of alkaline lands cannot be overestimated. It grows in a variety of soils—heavy, light, wet or dry, almost anywhere, except in acid soil. Sow at the rate of 10 to 14 pounds per acre. Cover the seed very lightly. Lb., **20c**, postpaid. Not prepaid, 10 lbs., **\$1.35**; 100 lbs., **market price**.

**Yellow Blossom** (*Melilotus Officinalis*) — Same family as White Blossom Sweet Clover but it is not so prolific in growth and flowers are yellow instead of white. For bee pasture, we believe it to be equally valuable. Lb., **20c**, postpaid. Not prepaid, 10 lbs., **\$1.35**; 100 lbs., **market price**.

## How to Handle Sweet Clover

Read what Mr. Schaerrer, a successful Utah farmer, says:

"Sweet Clover. A splendid feed, a wonderful fertilizer and soil builder. Second to none. In the early spring plant 10 to 12 pounds of clover seed per acre with seeder attached to grain drill planting both Sweet Clover seed and grain at same time. With 2 or 3 irrigations will insure a good crop of both grain and clover. When grain is ripe, cut the grain rather high leaving one foot of stubble. When grain is harvested irrigate clover once more and it will give you from four to six inches more of splendid feed first year. Then harvest as you would alfalfa hay, gaining one and one-half tons of splendid feed the first year."

"Sweet Clover does not winter kill the first year and the following year it makes a very rapid growth. By the middle of May the clover will be from 12 to 15 inches high, then plow under as a fertilizer. Roots are very soft and easily plowed. This year the roots die leaving a well fertilized soil for any crop. Potatoes and sugar beets double their yield following this method."

"The value of Sweet Clover cannot be over-estimated for feed and soil builder, at such a small cost."

# For Every Purpose—GRASS SEED



P.-W.'s Grass and Clover Mixtures Make Best Dairy Pastures

## P.-W.'s Grass and Clover Seed Mixtures

### For Permanent Meadows, Pastures, Marginal and Range Lands

Our well-balanced mixtures are made up of a number of native and acclimated grasses and clovers, blended in such a way as to best suit the climatic and soil conditions found in our intermountain regions. We have aimed in these splendid combinations to supply such varieties that will form a deep-rooting turf and that will yield, year after year, the greatest amount of hay or furnish the most constant and abundant pasturage. To the dairyman or farmer who has lands adapted for pastures the value of a carefully prepared seed mixture can be hardly estimated. With these mixtures and with the proper kinds of dairy cows, it is possible to realize at least one hundred and fifty dollars per acre annually from every acre that has been carefully seeded and attended to.

The following mixtures will be found desirable and well proportioned for the kind of soils specified:

### Morton Pasture Mixture (For Upland Irrigated Soils)

This is especially adapted to upland soils where water is available for irrigation. It is made up of Brome Grass, Orchard, Meadow Fescue, Timothy and Yellow Blossom Sweet Clover. An acre seeded to this combination will take care easily of 4 to 7 dairy cows. Seed required per acre, 20 to 25 lbs. Price, lb., 40c, postpaid. Not prepaid, lb., 35c; 10 lbs., \$3.25; 100 lbs., market price.

### P.-W.'s Mixture No. 1 For Meadows and Pastures

Our well balanced mixture for general use on average soils in the Western States. Sow 25 pounds per acre. Lb., 35c, postpaid. Not prepaid, 10 lbs., \$3.00. (Write for quantity prices.)

If your soil does not come under any of the above classes, please write the particular character of your soil and we shall be pleased to name price of mixture best suited.

**P.-W.'s Mixture No. 2** (For Upland Pasture Under Irrigation)—The main varieties of this combination are Brome, Crested Wheat, Perennial Rye, Orchard, Meadow Fescue, Red Clover, Lucerne, and Tall Meadow Oat. Sow 25 lbs. per acre. Lb., 35c, postpaid. Not prepaid, 10 lbs., \$3.00; 100 lbs., market price.

**P.-W.'s Mixture No. 3** (For Low and Moist Soils)—Consisting chiefly of Red Top, Perennial Rye Grass, Meadow Fescue, Timothy, Alsike Clover, White Clover, Orchard and Kentucky Blue Grass. Sow 25 lbs. per acre. Lb., 40c, postpaid. Not prepaid, 10 lbs., \$3.25; 100 lbs., market price.



Beautiful Lawns, Putting-Greens and Fair-Ways at Salt Lake Country Club, Where P.-W.'s Grass Seeds Have Been Used.

Don't fail to try "Crested Wheat" and "Western Wheat" Grasses on your dry areas (see next page)

## P.-W.'s "Golf Links" Grass Mixture

Prepared with the object of producing a thick turf that will stand the hard usage suffered by the average Fairway. For the Golf Course, Teeing Ground, Football and Polo Fields and other Athletic Grounds, or for the Lawn which has to withstand hard wear, this mixture will give perfect satisfaction. We prefer to prepare special mixtures to suit the location and soil to be seeded. In ordering, please state whether low and wet, high and dry, sandy or clayey as the case may be, and we will send a mixture specially adapted to the condition you name. Where large tracts are shown, we quote special prices.

**P.-W.'s Special Athletic Field Mixture for Fair-Greens**—5 lbs., \$1.75; 10 lbs., \$3.25, postpaid. Write for quantity prices.

**P.-W.'s Special Putting-Green Mixture**—5 lbs., \$5.75; 10 lbs., \$11.00, postpaid. Write for quantity prices.

Write for Quantity Prices—Market Fluctuates Rapidly

# GRASS SEED — New and Special Merit



Reed's Canary Grass

Reproduced from U.S.D.A. Bureau of Plant Industry

## Reed's Canary Grass

(*Phalaris arundinacea*)

This is a tall grass with flat wide leaves about one-half inch in width and elongated spike-like panicles, native through Northern America especially in wet areas and boggy soils. It has reclaimed many worthless swamps and is making profits for hundreds of farmers who have swamps or boggy soils.

A yield of 6 to 10 tons per acre is not unusual. An acre will pasture three to four dairy cows through the season. It is resistant of cold, and although the underground stems increase rapidly and form a tough sod, it is easily controlled and there is no danger of its becoming a pest.

Seed should be sown as early as possible in the spring so as to become well established before the weeds begin to grow. Seeding may also be done in August or October if it is difficult to get onto the land in the spring. Sow it at the rate of 5 to 6 lbs. per acre broadcast and in drill, 2 to 3 lbs. per acre in 16 to 18 inch rows. For hay cut as soon as the head begins to appear as the grass contains the highest feeding value at that stage. Two or three crops of hay and some fall pasture may be obtained by such a practice. Everyone with moist and boggy soils should give this excellent grass a trial. Lb., **65c**; 5 lbs., **\$3.00**, postpaid. Write for quantity prices.

## Western Alkali Grass

The seed is very fine and as it stools it should be sown very thin for a permanent crop. Seeding can be done any time from September 1 until spring; broadcast right on the snow and not after the snow is gone and land dries off and starts to crack. Use "Cyclone" seeder, sowing two pounds per acre for meadow or pasture. It is better to keep stock off in the spring, while plant roots are forming and the ground is soft. When instructions are followed, this grass will grow and produce a large crop, on either white or black alkali. It will make a fair crop the first year and a full crop the second year, and stand more summer drought than any grass I have ever seen. The third year will be still better than the second. Price: lb., **\$1.50**; 5 lbs., **\$4.00**; 10 lbs., **\$12.50**, postpaid.

## Crested Wheat Grass

(*Agropyron cristatum*)

This wonderful ranch and range grass was first imported from Siberia by the United States Government. Growers are very enthusiastic about its merits. It matures very early among the first grasses in the spring to become green and the last to dry out in the fall, furnishing a range over a long season. As a hay crop it is very highly nutritious and palatable, stands well under grazing, and as a seed crop produces from 200 to 400 lbs. per acre. It has made a most remarkable showing under very dry arid conditions, succeeding where many other varieties fail in a dry situation and cold temperatures.

For hay and pasture, it should be sown on well-prepared soil at the rate of 10 lbs. per acre. As a seed crop, it may be sown in the usual manner in 6 inch drills or in rows 3 ft. apart. The latter method requires only 3 lbs. of seed per acre and is the best method to use under dry conditions when only a small amount of seed is available. Lb., **75c**; 5 lbs., **\$3.50**; 10 lbs., **\$6.50**, postpaid. Write for quantity prices. (See cut page 67.)

## Western Wheat Grass

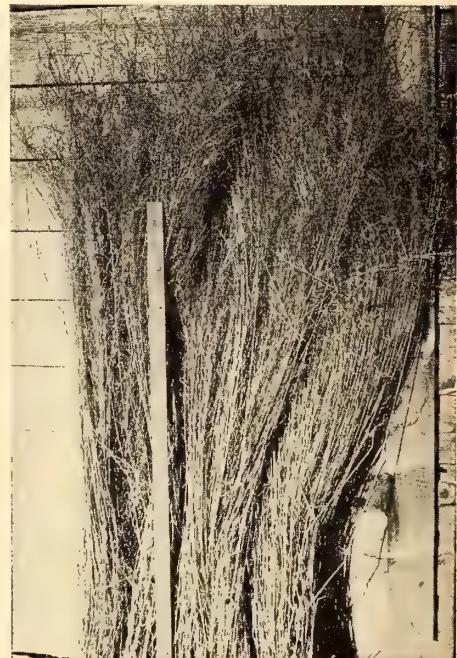
(*Agropyron smithii*)

This is a variety of great promise for the western arid regions. It is erect in growth and forms a firm solid turf even where moisture is very limited. It does not have the bunch forming habit of some other drought-resisting grasses, but produces a uniform turf which makes it most suitable for fairways, roadside planting, and erosion control as well as an excellent range grass where rainfall is light. It supplies a long felt need for a suitable sod forming variety that will stand dry situations. It is of such promise that it merits a trial by every Farmer and Rancher, with range lands to improve. Lb., **40c**; 5 lbs., **\$1.75**; 10 lbs., **\$3.00**, postpaid. Write for quantity prices.

## Slender Wheat Grass

(*Agropyron tenerum*)

This variety has proved a great boon for the cattle and sheep men of the entire West. It grows in very dry arid sections and produces wonderful foliage for cattle and sheep. It is a bunch forming variety, and therefore would be more adaptable to range land than to meadows or cultivated fields. An acre of Slender Wheat Grass will pasture more sheep than any other variety we know. There would be no variety more adaptable for pasture in canyons or flats than this type. Lb., **35c**; 5 lbs., **\$1.65**; 10 lbs., **\$2.75**, postpaid. Write for quantity prices.



Western Alkali Grass

# GRASS SEED for Range, Meadow and Pasture

Our stocks are critically grown, of highest germination and purity. Prices fluctuate. Write for prices.

## Bromus Inermis (Hungarian Brome Grass)

— Remarkable growth resister, not injured by frost. Sow 20 to 30 lbs. per acre. Pound, 35c, postpaid. Not prepaid, 10 lbs., \$2.50.

**Orchard Grass** Furnishes pasture three weeks before any other, and after close grazing a ten days' interval is sufficient for another growth. Makes a heavy sod, which remains for years. Sow from 20 to 25 pounds per acre. Pound, 30c, postpaid. Not prepaid, 10 lbs., \$2.00; 100 lbs., market price.

## Kentucky Blue Grass

Remains green from early spring until snow flies in the fall. It will do well on almost any land. Sow in fall or spring, 30 lbs. per acre. Meadow grade, lb., 30c, postpaid. Not prepaid, 10 lbs., \$2.50; 100 lbs. at market. (Lawn grade see p. 63.)

## English or Perennial Rye Grass

Produces an abundance of foliage.

Thirty pounds per acre spring or fall. Pound, 30c, postpaid. Not prepaid, 10 lbs., \$2.00; 100 lbs., market price.

**Meadow Fescue** (English Blue Grass) — Excellent for hay and pasture. Succeeds even in poor soil, roots penetrate deep, stands extremely dry weather. Sow in spring or fall at the rate of 30 pounds to the acre. Lb., 30c, postpaid. Not prepaid, 10 lbs., \$2.00.

**Timothy** Of hay grasses Timothy leads all. Succeeds on clay or heavy loams, lowlands or in mountainous districts. Alone, sow 12 pounds to the acre, or with clover, 10 pounds Timothy and 6 pounds clover. Pound, 25c, postpaid. Not prepaid, 10 lbs., \$1.75; 100 lbs., market price.

## Tall Meadow Oat Grass

Out - yields Timothy or Orchard Grass, and affords better grazing, becoming very popular. Sown alone, use 30 pounds to the acre, either spring or fall. Pound, 40c, postpaid. Not prepaid, 10 lbs., \$3.00; 100 lbs., at market price.



A Field of Sudan Grass

**Red Top** Reaches highest perfection in moist, rich soil. Sow 25 pounds per acre. Lb., 30c, postpaid. Not prepaid, 10 lbs., \$2.00; 100 lbs., market price.

**Sudan Grass** Sudan is a tall annual grass, reaching to a height of from 7 to 9 feet when planted in rows and allowed to mature for a seed crop; broadcasted and cut "in the bloom" for hay, about four feet. It dies each year. Should not be planted until all danger of frost is past. Plant in rows, thirty-six inches apart, using about two pounds of seed; where irrigated, plant in rows eighteen inches apart, using from 10 to 12 pound per acre. Price, 1 lb., 25c; postpaid. Not prepaid, 10 lbs., \$1.50; 100 lbs., market price.

## Crested Wheat Grass

(See page 66).

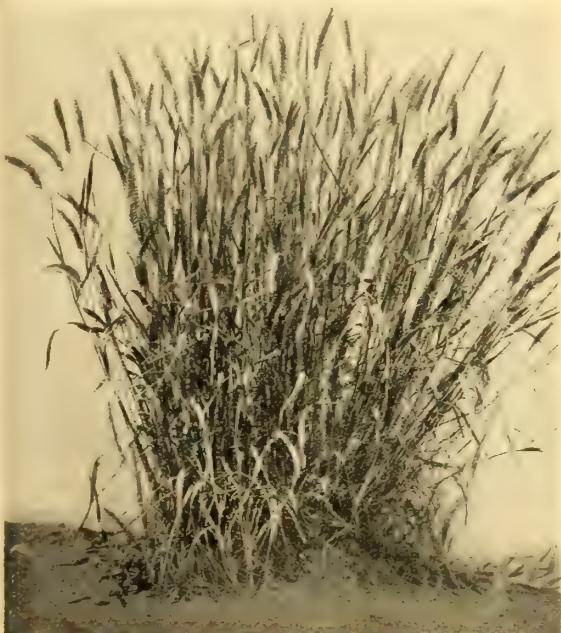
**Red or Chewings Fescue** This grass spreads out, forming a plant one foot in diameter, making a solid, compact turf of a dark green color. It grows exceedingly well on soils of a sandy nature, and is now recognized as one of the leading grasses for putting greens. Prices: lb., 60c, postpaid. Not prepaid, 10 lbs., \$5.50; 100 lbs., market price.

## Reed's Canary Grass

(See page 66).

## Slender Wheat Grass (Dryland)

(See page 66).



Crested Wheat Grass (See page 66)  
Reproduced from U.S.D.A. Tech. Bul. 307

See page 65 for **The Grass and Clover Seed Mixture** suitable to your soil. Don't fail to inoculate all clover seed with **McQueen's Inoculate** (see page 76).

On dry range lands sow "Crested Wheat" and "Western Wheat" Grasses. On swamp lands sow "Reed's Canary Grass."

## Success with Western Alkali Grass

A customer from Myton, Utah, writes as follows: "Five years ago I drove fifty miles to examine a field of so-called alkali grass that I had heard would grow in any kind of alkali ground. I found a field of this grass growing in the worst kind of alkali ground.

"I took up a stool of the grass, about as big around as my two fingers, and transplanted it in some of my alkali ground at Myton, and it did so well that the next year I purchased some seed and sowed, with equally as good results.

"My experience has been that this is the only forage plant of any value for alkali ground, as stock like it and do well on it."

**Western Alkali Grass** is a boon to all owners of alkali lands; begin this year to cash in on these waste lands. **Western Alkali Grass** is the answer.

# FARM SEED For Dairy Purposes

## BEETS for Stock Feed



Giant Half-Sugar Mangel

The tremendous importance of stock beets to every stock and dairy farmer in America should be shouted from the house tops. The farmer who is not awake to the money making possibilities of this crop has overlooked one of the most profitable crops known to agriculture. Just think of it: A yield of from 20 to 60 tons per acre and the feeding value, pound for pound, almost equal to grain; conservatively figured, just the average yield, therefore, would be the equivalent to a 1,000 bushel yield of oats, as far as feed value is concerned.

**CULTURE**—Sow seed in drills 24 to 30 inches apart and thin to about nine inches in row. Requires 8 to 10 pounds of seed per acre.

**P.-W.'s Giant Sludstrup** Wonderful yielder, grows cylindrical in easily harvested. Crops as high as fifty tons to the acre are not unusual. Color of skin reddish-yellow above the ground and light rose tint underneath.

**Giant Half-Sugar White Mangels**—This half-sugar beet supplies a food of very much higher nutritive value for feeding purposes, pound for pound, than sugar beet, and the yield is more than double, early harvested. Price (see below).

**Royal Giant or Half-Sugar Rose**—Similar to the Giant Sugar, except color of skin. Price (see below).

**Imp. Mammoth Long Red Mangels**—The extra large, long roots are blood-red in color and very nutritious. Enormously productive, yielding, under favorable conditions, as high as 70 tons per acre. Price (see below).

**Golden Tankard**. Flesh yellow, differing from others; sheep prefer it; a heavy yielder. Price (see below).

**Danish Red Giant Eckendorfer**—Of cylindrical form growing above the surface; heavy cropper. Price (see below).

### Sugar Beets

**Klein Wanzleben**—This variety is the best in cultivation, not largest but richest in saccharine.

**PRICE**—Any of the above varieties of Mangels and Sugar Beets. Pkt., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c; 10 lbs., \$5.00, postpaid. Not postpaid, 1 lb., 50c; 10 lbs., \$4.50.

### Ask for Prices on Quantities

## FIELD CORN for Ensilage

Generally speaking, the seed should be sown in drills 3 feet apart, using 15 to 40 pounds of seed per acre, depending not only on the soil, but also for the purpose for which silage is to be used. Whenever less grain and more bulk is desired more seed may be planted to the acre, giving a greater amount of leaf and stalk but less ear corn.

**P.-W.'s Silo Corn No. 1**—It is our selection from Improved Leaming and will mature its grain in 100 days, even under unfavorable conditions; and about 90 days where climate conditions are suitable. You will never regret giving it a trial this year. (See below for price.)

**P.-W.'s Silo Corn No. 2**—This is a shorter growing variety than P.-W.'s Mountain States Silo Corn No. 1, the height ranging from 8 to 12 feet, depending upon soil and other conditions. Consequently the fodder tonnage is less, but it makes up this loss to a large degree in the increase of grain yield. (See below for price.)

**North Dakota Flint**—Excellent white variety, very popular. Small cob, early maturing.

**Reid's Yellow Dent**—Best all around purpose Yellow Dent. Deep yellow, lighter cap; closely packed, slightly rough, grains dented on top. Leaves and stalks make fine ensilage and fodder. Matures in 110 days.

**Australian White Flint** (90 days)—The earliest and surest variety. Will endure more drought and cold than any other variety known. Grows to a height of six to ten feet.

**P.-W.'s Improved Leaming**—Ripens in 90 to 100 days. Extra early; not a hardy flinty corn. We can furnish both Utah and Nebraska grown.

**Minnesota No. 13**—The ears are of handsome appearance, bearing 16 to 20 rows of bright, rich yellow, smooth, wedge-shaped kernels packed closely on the cob from butt to tip. Matures in 90 days.

**Northwestern Dent**—Early red dent, extremely hardy—will produce a crop when all other dents fail. Matures in 90 days.

**Boone County White**—This is an excellent White Dent variety, maturing in 150 days. It is a great favorite among growers. One of the best for either grain or ensilage. (See below for prices.)



A Field of Ensilage Corn

**Pride of the North**—An exceptionally early Dent variety. Stalks of medium height with broad leaves. For cold valleys where seasons are short it is not excelled.

**Any of above, except where otherwise noted**—pound, 20c, postpaid. Not prepaid, 10 lbs., \$1.20. Write for Quantity Prices.

# For Profitable Crops—FARM SEED



A field of "Hegari," the Wonder Crop for the West. An acre yield is 12 tons of silage or 6 tons dry fodder or 2400 pounds of grain. Write for quantity prices.

## Barley

Sow 60 to 90 pounds per acre; on dry land 40 to 50 pounds. **Prices quoted are not postpaid.**

## Wisconsin Pedigree No. 38

**The new heavy-yielding smooth-bearded Barley for malting purposes. Also a smut resistant type.**

This variety was developed by the Wisconsin Experiment Station, and perhaps is one of the most outstanding varieties for malting purposes in cultivation. It is smooth-bearded, making it easy to handle. Very resistant to hot weather, notwithstanding a greater degree of heat than most other varieties.

It is produced on stiff straw and stands up well for harvesting. In moist soils, yields heavily; as high as 70 bushels per acre has been produced.

It is in great demand by manufacturers of malt and will command a premium over many other varieties on the market. Not prepaid, 10 lbs., 75c; 25 lbs., \$1.50; 100 lbs., \$2.50. Write for quantity prices.

**Naked, Beardless or White Hullless**—No beard, shell hull-like wheat, 10 lbs., 60c; 100 lbs., **market price.**

**Trebi Barley**—This variety is a recent introduction in this region. Fast becoming very popular. Yields much heavier, larger kernels than any of the other varieties. 10 lbs., 50c. **Write for quantity price.**

## Feterita

From 20 to 30 days earlier than Kaffir Corn, makes good fodder; in some instances made an excellent yield of grain without having received any rain from the day it was planted until it was harvested. **Not postpaid, 1b., 15c; 100 lbs., market price.**

## Hegari

This is the most important feed produced in Arizona and excellent results are secured in Utah and surrounding States. It is used for ensilage, threshed grain, dry fodder, and frequently is pastured off. Not an unusual yield is twelve tons silage or 2400 lbs. threshed grain per acre. Lb., 15c; 10 lbs., \$1.00, **not postpaid. Write for quantity prices.** (See above cut.)

## Kaffir Corn

Is unsurpassed for dry alkali land, on which no better fodder and grain crop grows. Lb., 15c, **not postpaid; 100 lbs., at market price.**

## Millet

A valuable fodder plant. Makes excellent hay. Sow 25 pounds to the acre. 10 lbs., \$1.00, **not postpaid. 100 lbs., at market price.**

## Oats

**Swedish Select**—Grain plump, white and very heavy, averaging 40 pounds per bushel. 10 lbs., 50c, **not prepaid. 100 lbs., at market price.**

## Peanuts

**Spanish**—This variety is the best suited for growing in the North, being earlier. 35 to 40 pounds of unshelled peanuts will plant an acre. Postpaid: 1b., 30c; 2 lbs., 50c. **For larger quantities ask for special prices.**

## Rape

**Dwarf Essex**—It may be sown broadcast, either with other fall forage crops or by itself, using one to five pounds of seed per acre. 10 lbs., \$1.75, **not prepaid; 100 lbs., at market price.**

## Rye

Sow 60 to 80 pounds per acre; on dry land 30 to 40 pounds per acre.

**Fall or Winter**—A good crop for early fall or spring pasture. 10 lbs., 50c, **not prepaid; 100 lbs., market price.**

**Spring Rye**—For summer pasturage and grain crop. Lb., 15c; 2 lbs., 25c, **postpaid. Write for quantity prices.**

## Sorgum

**Early Amber**—Furnishes a large yield of most nutritive forage, which can be fed either green or cured, and will yield two or three cuttings a year. Broadcast for forage sow 60 pounds per acre. In drills, sow 10 pounds per acre. Lb., 20c, **postpaid. Not prepaid, 10 lbs., \$1.50; 100 lbs., at market price.**

## Sunflower

**Russian Mammoth**—Sow seed as soon as ground is fit for planting corn, in rows three to four feet apart and about one foot apart in row. Cultivate the same as corn. This variety will yield 1000 pounds or more of seed per acre. Lb., 25c; 2 lbs., 40c, **postpaid; for larger quantities inquire for prices.**

## Vetch

**Spring**—Valuable for both soilings and as a cover crop. Sow 60 to 75 pounds per acre. Lb., 25c, **postpaid. Not prepaid, 10 lbs., \$2.00; 100 lbs., market price.**

## Wheat

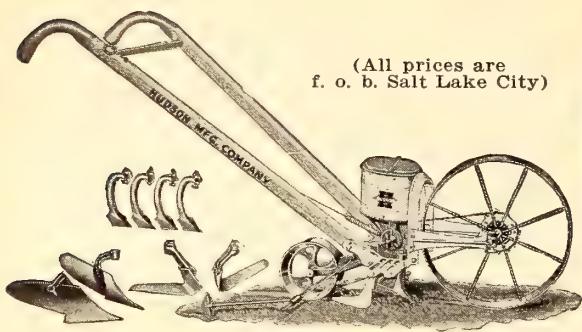
**All Standard Varieties**—(Bart, Federation, Marquis, Dicklow, Club, Sonora, etc.)—Sow 60 to 80 pounds per acre on irrigated land; 40 to 50 on dry land. 10 lbs., 60c, **not prepaid; 100 lbs., market price.**

## Canada Field Peas

This is a small-seeded, very hardy pea, vigorous, thrifty, growing 5 to 6 feet, very productive. Can't be beat for all purposes. A wonderful crop for fattening sheep, hogs, and cattle and very valuable poultry feed. For early crop sow 30 to 40 pounds per acre; for late crop sow 60 to 80 pounds per acre. Inoculate. See page 76. Lb., 20c, **postpaid. Not prepaid, 10 lbs., \$1.00; 100 lbs., market price.**

**Prices on All Farm Seeds Fluctuate Greatly—Write for Quantity Prices. Quotations Will Be Sent by Return Mail.**

# Garden Tools and Farm Supplies



No. 203

**Hudson Hill and Drill Seeder and Wheel Cultivator**  
No. 203 is ideal for the gardener whose requirements do not justify separate machines for seeding and cultivating, being equipped for use as hill and drill seeder, or wheel hoe plow or cultivator. Changes from one to the other are made quickly and easily. Shipping weight, 50 lbs. Each, \$16.00.

**Hudson Garden Cultivator No. 228**—Single wheel cultivator. Equipment consists of a pair of hill plows, pair of surface hoes, four cultivating teeth and a vineguard. Plows, hoes and teeth are of carbon steel. Shipping weight, 25 lbs. Price, \$7.35. No. 229—Exactly like "No. 228," except the hill plows have been omitted. Shipping weight 19 lbs. Each, \$6.00.

**Hudson "Handy Gardener" No. 106**—Light 6-tooth cultivator, 16 in. wheel. Equipped also with plow and 12 in. sweep. Shipping weight 19 lbs. Each, \$6.40.

**Hudson Garden Plow No. 448**—Fitted with Double Pointed Shovel for wide or narrow work. Cloverleaf Sweep for surface cultivation and 5-tooth Cultivator with special plow steel teeth, carefully forged and sharpened, and malleable casting. Shipping wt. 19 lbs. Each, \$4.35.



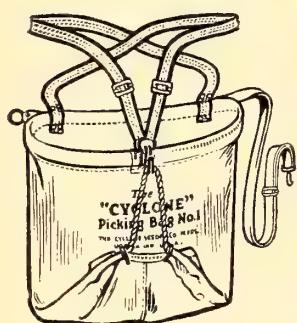
Newest, Quickest Way to Apply Plant Food to Your Lawn

Price, 85c  
Postpaid, \$1.00

The old messy way is done away with by the use of this new patented device.

Packed in a compact box—with full instructions.

It is so simple to operate that a child can run it. No wasting of fertilizer as it is efficient and does the fertilizing quickly.

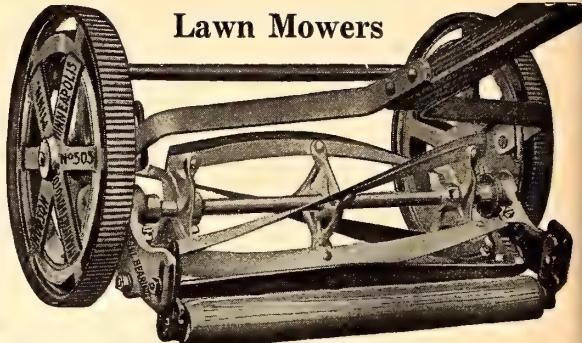


\$1.50 each, prepaid

Avoid Bruised Fruit use the

**"Picking Bag"**

Made of canvas, strongly reinforced. Most convenient for gathering fruit. Price, \$1.35 ea. Add 15c extra for postage.



Lawn Mowers

These machines for the home lawn are unsurpassed in quality, durability, and the perfection of working parts.

(Prices all f. o. b. Salt Lake City)

	Each
Eclipse Model L—16 inch cut.	\$16.50
Century 5-blade—14 inch cut.	10.90
Century 5-blade—16 inch cut.	11.65
Mid-West 5-blade, 16 inch cut.	8.95
"Lady"—16 inch cut.	7.90

Grass catchers furnished for any above at \$1.35 each

**Cyclone Seed Sower**



A good large sower that meets the most exacting demands. Hangs by a strap over shoulders of operator. Hopper-sack has a capacity of  $\frac{1}{2}$  bushel. Broadcasts evenly all varieties of grain and grasses. Wt. 4 lbs. Price—Each \$2.00. If by mail add 25c extra for postage.

**National Eezy Wear Garden Gloves**

You'll be delighted with these gloves



**ALL-LEATHER Soft as Kid Easy to Wear Dirt-Proof - Durable - Washable**

Four sizes: "SMALL" and "MEDIUM" for Women, "MEDIUM" and "LARGE" for Men. Price 75c a pair, postpaid. This is a real bargain to get an all-leather garden glove with these special qualities such a low price.



**Hanley's Handy Plant Setter**

A labor and time saving device for transplanting. Simple to use. Will save its cost several times in one season. Postpaid, 7.50 ea.

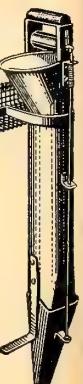
Additional Detachable Tray, 35c each

Descriptive folder forwarded on request.



**Combination Fertilizer & Seed Sower**

A quick efficient distributor of either fertilizer or seed. \$3.75 each, postage 25c extra



# ALL ARE MADE OF FORGED TOOL STEEL

No. 2219 DIBBLES



PRICE EACH 55¢

No. 219 DANDELION DIGGERS OR ASPARAGUS KNIVES --



PRICE EACH 35¢

No. 830 WEEDERS



PRICE EACH 45¢

No. 179 ALL STEEL PRUNING SHEARS



PRICE EACH \$1.00

No. T 20 GARDEN TROWELS

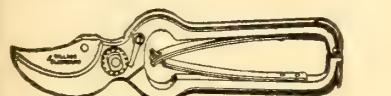


PRICE EACH 25¢

No. 3 GRASNIPS



PRICE EACH 65¢



**Pruning Shear No. 1400**—Forged tool steel rachet nut, brass spring; length, 9 inches. Each \$1.50, postpaid.

## TRIM YOUR HEDGE WITH AN ALL-STEEL SAW-TOOTH



## HEDGE SHEAR

Each, \$2.35; postage extra; 35¢ if by mail.

A NEW WRINKLE  
A Better, Quicker  
Cutting Grass  
Hook. Stays  
Sharp Longer  
Price 60¢ each

Price \$1.00 ea.

## THE NEW GRASWIP

Use it  
like a  
Golf Stick  
Cuts on the  
Forward and  
Backward  
Swing--



## "NORCROSS" CULTIVATOR-HOES AND WEEDERS

Will cultivate closer to plants without injuring them than any other type of implement known.

**Three Sizes and Prices** Each  
5-prong, 4 ft. handle, wt. 3 lbs. \$1.25  
3-prong, 4 ft. handle, wt. 2 lbs. .90  
"Midget," 90 in. hdle, wt. 12 oz. .60



## Five Fingered Weeder, ea. 20¢.

Postpaid



## RAIN KING MODEL 'G'

Entirely new type home lawn sprinkler that throws every known kind of spray over circles 12 to 65 ft. Turns slow or fast on level ground, slopes, or in high winds. Can't stall. Throws more water and spreads it evenly. Price, \$4.00 each.

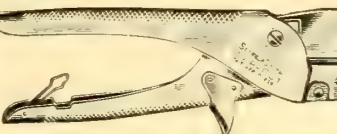
## RAIN KING Model 'D'

The ideal sprinkler for 99 homes out of 100. Throws more water farther. Built right for years of use. Price, \$2.50 each.

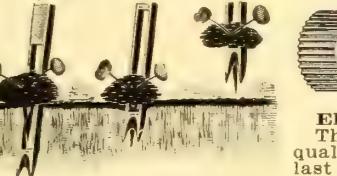
**Whirling Shower** — Similar to "Rain King." Lighter construction. \$1.00 each.



**Spading Fork No. A-30**—No home gardener should be without this handy tool. Each, 50¢; postpaid, 55¢.



**Snap Cut Pruner**—Very powerful — will cut the hardest wood easily. Each, \$1.00; postpaid, \$1.75.



## "OUT-U-KUM" WEED PULLER No. 35

A slight push and pull removes the ENTIRE ROOT. Handle is 3 1/2 feet long, making it easy to operate. Each, 75¢, postpaid.

**Doo-Klip** — The shear that takes all the wrist tire and finger-ache out of lawn trimming. The easy, natural up-and-down operation does it. It keeps the hand out of the dirt. Each, \$1.25; postpaid, \$1.40.



Doo-Klip Grass Shear

## Ross Hand Sprinkler No. 11

Capacity 1 3/4 gallons per minute. Distributes water in a soft fan-like spray. Desirable for sprinkling new lawns and flower beds. Each, 50¢ postpaid.



## PORTABLE SPRINKLING SYSTEMS

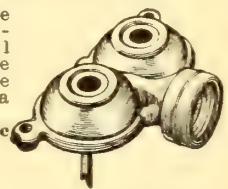


**No. 25 Portable Set**—Packed three to a set—One Sprinkler equipped with brass shut-off cap. Price per set of three, \$1.75 postpaid.

**"Misty Spray" 3 Unit Portable**—These adjustable spray heads are fitted in hose by means of a special valve. No couplings necessary. Price per set, 80¢, postpaid.

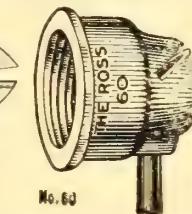
## ROSS TWIN SPRINKLER (With Stick Pin)

**No. 35** — Die cast of "Zamak" metal gives a fine rain-like spray over a large area. Each, 30¢ postpaid.



## ROSS STICK PIN SPRINKLERS

**No. 60** — Die cast of "Zamak" metal. Shows a uniform spray in a semi-circle. Capacity 6 1/4 gallons per minute. Each, 15¢ postpaid.



## ELECTRIC JUNIOR GARDEN HOSE

This is a splendid 2-braid hose, finest quality of rubber. Will not kink and will last for years. We can supply any desired length fitted with couplings. Price, 5¢ in. size for black colored hose, 10¢ per ft. We can supply it in either red or green color at 11¢ per ft. Not prepaid. If desired by mail, add postage at zone rate. Approximate weight 33 lbs. per 100 feet.

## BLACK SPEC. 1-BRAID GARDEN HOSE

This is lighter weight than the above and is well worth the low price at which it is sold. Price, 6¢ per ft. in any length, not prepaid. Approximate weight, 20 lbs. per 100 feet.

**3 - Braid Electric Spray Hose**—(For spray equipment) Made to stand high pressure. 5/8 inch, 25¢ per ft., postpaid.

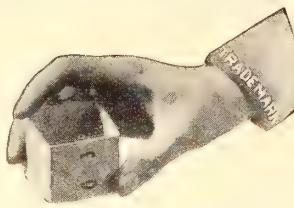
**2 - Braid Velvet Spray Hose**—20¢ per ft., postpaid.

## "Harris Ready to Use" Plant Bands

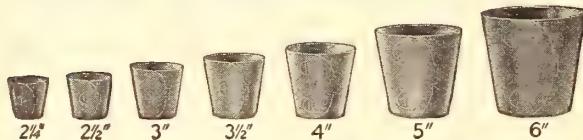
They are the only really Ready - to - Use bands on the market. There are no locks to put together, no tacks to drive, no folding of corners. All the corners are scored. They always open up square.

They are packed nicely in cartons containing a given quantity and are in order; ready-to-use. Many other makes come loose and have to be arranged in order before using.

2B Plant Bands, 2x2 in..... \$1.10 per 250; \$3.00 per M  
3B Plant Bands, 3x3 in..... 1.50 per 250; 4.65 per M  
4B Plant Bands, 4x4 in..... 1.90 per 250; 5.70 per M



## Bird's IMPROVED NEPONSET Flower Pots



Made of a tough, waterproof paper that retains moisture very satisfactorily. Testing under actual growing conditions has proven that this container may be used successfully when seedling plants are grown therein from 6 to 8 weeks.

	Doz.	Per 100	Per 1000	Wt. of 1000 pots about
2 1/2-in. pots	\$.15	\$.75	\$ 5.50	17 lbs.
3 -in. pots	.18	.90	7.50	23 lbs.
4 -in. pots	.25	1.50	12.00	46 lbs.
5 -in. pots	.30	2.00	15.00	80 lbs.
6 -in. pots	.45	2.50	20.00	110 lbs.

## Clay Flower Pots

Prices are f.o.b. our store. Packed for shipping add 20 per cent. Minimum packing charge 50 cents. While we take every precaution to pack pots so that they will arrive at destination safely we do not guarantee against breakage in transit and will not replace any pots that are broken on arrival. We advise against shipping by parcel post.

Size	Each	Per Doz.	Per 100
2 1/2 -inch Standard	\$.05	\$.45	\$ 2.50
3 -inch Standard	.05	.50	3.00
4 -inch Standard and Bulb	.07	.60	4.00
5 -inch Standard and Bulb	.10	.85	6.00
6 -inch Standard and Bulb	.15	1.25	8.00
7 -inch Standard	.25	2.00	13.00
8 -inch Standard	.35	3.30	23.00
10 -inch Standard	.60	6.00	45.00
12 -inch Standard	1.00	11.00	-----

If saucers are desired add 50% extra to above prices.

## Wire Hanging Baskets

Made of heavy wire painted green and three supporting wires and a hook at top to hang it by.

	Each	Doz.
8-inch diameter	\$.35	\$3.50
10-inch diameter	.40	4.00
12-inch diameter	.50	5.00
14-inch diameter	.60	6.00
16-inch diameter	.70	7.00

## Florists' Moss

Suitable for use in lining hanging baskets and for packing perishable plants.  $\frac{1}{2}$  lb., 25c; lb., 40c; 5 lbs., \$1.15, postpaid. Not prepaid in bales of about 65 lbs., \$5.00 each.

## Raffia

Natural, in skeins weighing from  $1\frac{1}{2}$  to  $2\frac{1}{2}$  lbs.; excellent for tying up plants, grafts, etc., in original skeins. Per lb., 45c; less original skeins, per lb., 50c.

## Celo-O-Glass

At last an **unbreakable** material that is neither glass nor wire cloth, yet combines the transparency of glass with the toughness of metal. Extremely light in weight, weatherproof, flexible and durable. Suited for chicken house fronts and windows; cold-frames and hotbed sash; greenhouse sides, fronts and partitions. Put up in rolls 3 ft. wide up to 100 ft. long. Per running ft., 45c; 10 ft., \$4.25; per roll of 100 ft., \$40.00.

## Grafting Wax

Excellent to apply to young trees and shrubs that have been barked. It is put on easily and quickly, and will remain there and prevent decay until the wound is covered with new bark. Price— $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; lb., 75c. Postage extra.

## Glass Cloth or Suntex

Glass Cloth is a strong fabric treated by a patented process to make it transparent, weather-proof and water-proof. It costs much less than glass and for many purposes is superior. Anyone can put it up. It admits abundant light which is diffused and scatters to all parts of the enclosure. It comes in rolls 36 inches wide and any length. Yard, 30c; 10 yards, \$2.50; per roll of 100 yards, \$22.50.

## Pot and Tree Labels

	Per 12	100	1000
Pot Labels, 4-in., plain, 1000 in box	\$.10	\$.35	\$2.50
Pot Labels, 6-in., plain, 1000 in box	.15	.50	3.00
Pot Labels, 10-in., plain, 500 in box	.25	1.00	8.00
Tree Labels, copper wired, plain.....	.10	.40	2.50

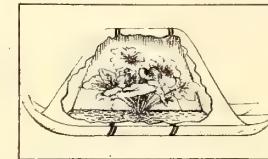
## Plant Stakes

<b>Green Bamboo Stakes</b> —For supporting tall plants—	2 ft. long.....	12 for 10c; 100 for 60c; 250 for 250 for	1.10
3 ft. long.....	12 for 15c; 100 for 65c; 250 for	1.40	
3 1/2 ft. long.....	12 for 20c; 100 for 75c; 250 for	1.75	
4 ft. long.....	12 for 25c; 100 for 90c; 250 for	2.00	
5 ft. long.....	12 for 35c; 100 for \$1.35; 250 for	3.00	
6 ft. long.....	12 for 45c; 100 for \$1.80; 250 for	4.00	
<b>Dahlia Stakes</b> —5 ft. x 1 inch x 1 inch, pointed, painted green. Each, 18c; dozen, \$1.80; per 100.....			\$13.50

## Hotcaps

Not only protect plants, but make them grow harder and faster.

One man can "set" 3000 per day. They not only bring you higher prices, but are a method of crop insurance against the danger of the elements. Prices not prepaid: 1000, \$9.75; 250 package with Setter and Tamper, \$3.65; 100 package with Setter and Tamper, \$2.50; Steel Setter and Tamper, \$1.50; Garden Setter, 50c.



give protection to the plant for a long period. Prices: \$2.75 per 100; \$4.50 for 250; \$12.00 for 1,000.

**Hotent Setters**—Each, \$1.75. Write for prices on quantities.

## Sage Hi-Caps

This is a real plant cover, forming an individual hothouse for growing plants. It is the only cone-shaped paper plant cover with multiple reinforcement strips which resist the vertical forces which might otherwise cause the caps to collapse, such as weight of accumulated water or frost on the outer surface. The height is 12 inches and the diameter 10 inches, furnishing ample room for large and tall plants to develop. This is the answer to a long-felt need of the tomato grower. Conveniently packed in cartons of 1,000 at \$10.50; 250 including paper Setter, \$3.75. Shipping weight packed, 5 lbs. per 100, 48 lbs. per 1,000. If by mail, add extra at zone rate for postage.

**Envelope of 20 Hi-Caps** and combination setter, 50c each. Postpaid, 60c; **Envelope of 50** and combination setter, \$1.00. Postpaid, \$1.25. **Aluminum Setters** for above, \$1.50 each.



Sage Hi-Cap

# ASSORTMENT OF SPRAY PUMPS—FOR EVERY PURPOSE

## Hudson Economy Sprayer No. 125



No. 125G. Economy. Galv. Tank, 3 1/2 gal., each.....\$5.75

No. 125B. Economy. Copper Tank, 3 1/2 gal., each.....\$8.25

## Hudson Perfection Sprayer No. 110

For work requiring high pressure. Tank 7 1/2 x 21 inches. Holds 4 gallons. All seams riveted with brass rivets and heavily soldered. Made of first quality galvanized or copper sheets.

Pump of seamless brass tubing, 1 1/4 x 15 1/2 inches. Sealed into tank by malleable top cap which screws onto cast brass tank collar, an exclusive Hudson feature. Malleable "D" pump handle. Fitted with 27 inches of discharge hose, 24 inch brass extension rod, and brass adjustable nozzle. Weight about 13 pounds.

No. 110G. Perfection. Galv. Tank, 4 gals., each.....\$7.50

## Hudson Sterling Sprayer

An outstanding value in clamp top sprayers. Applies whitewash, cold water paints, insecticides, disinfectants. Practical for the farmer, fruit grower, truck gardener, poultryman, dairyman. Tank holds 3 1/2 gallons. Furnished with 24 inch high pressure spray hose, 18 inch brass extension rod and solid brass nozzle with various discs. Packed one in heavy fibre carton. Weight approximately 10 lbs.

No. 115G. Sterling. Galvanized, 3 1/2 gals., each.....\$5.50

## Hudson Thrifty Sprayer

Convenient size for work around the home, flower garden, truck garden and similar places. Tank 6 1/2 x 17 in. Holds 2 1/4 gallons. Double seamed and heavily soldered. Made of first quality galvanized sheets.

Fitted with 20 inches of discharge hose, 18 inch curved brass extension rod and brass disc type adjustable nozzle. Weight about 7 1/2 pounds.

No. 120G. Thrifty. Galv. Tank, 2 1/4 gals., each.....\$5.75



Armstrong Standard Spray Pump

Convenient size for work around the home, flower garden, truck garden and similar places. Tank 6 1/2 x 17 in. Holds 2 1/4 gallons. Double seamed and heavily soldered. Made of first quality galvanized sheets.

Fitted with 20 inches of discharge hose, 18 inch curved brass extension rod and brass disc type adjustable nozzle. Weight about 7 1/2 pounds.

No. 120G. Thrifty. Galv. Tank, 2 1/4 gals., each.....\$5.75

## Armstrong Standard

Can be used with bucket, knapsack, tank or barrel for spraying

orchards, gardens, vineyards, whitewashing, disinfecting chicken houses, killing vermin on stock. Made entirely of brass. Nothing to get out of order.

For pump and nozzle, price, \$8.75; weight, 4 lbs.

## Brown's No. 5-A Outfit

A well-built five gallon knapsack tank, of heavy copper bearing galvanized steel. Brackets on tank top provide a place to keep the pump when not in use. Pump is made entirely of brass, with two wooden handles, and is double acting. Shipping wt. of tank, 7 lbs. Shipping weight of pump, 4 lbs.

No. 5 Pump, all brass, each.....\$3.75

No. 5A Tank, 4 gallon galv. tank, each.....\$5.00

Complete outfit.....\$8.75

**Gold Medal Outfit** This is a modification of 5A and No. 5 with additional equipment. Specially designed for forest service and fire fighting. Complete outfit, \$11.50.

## Auto Pop Shut-off Nozzle

Made entirely of brass. Adjustable and made for use on all compressed air machines, shown in cut "Compressed Air Sprayer." Handles all solutions. Fitted with 1/4-in. pipe thread so extended rod can be added. Price, \$1.50 each.



All Sprayers are quoted f.o.b. Salt Lake City, unless otherwise noted.

**N.B.** On all late models the "single wheel" has replaced the double shown in cut.



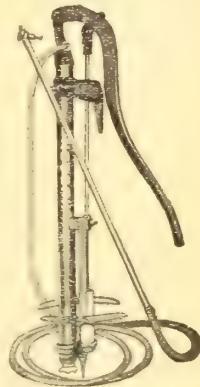
## Hudson's New Sunshine Sprayer

General purpose orchard, field and whitewash sprayer. Galvanized tank capacity 12 1/2 gallons. Discharge equipment 5 ft. 3/8 in., 5-ply hose, 2 foot extension rod and "Ideal" angle spray nozzle. Truck equipped with single wheel. Shipping weight 45 lbs. Price \$15.50.

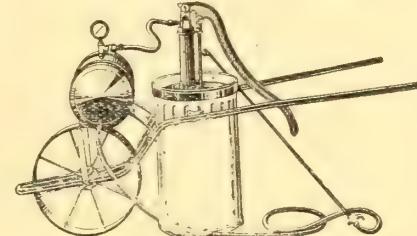
## Hudson Barrel Pump

### No. 4SA

Handles whitewash, cold water paints, caustic mixtures, agricultural insecticides, etc. Pump cylinder seamless brass tubing, 1 1/4 x 7 in. Air chamber high carbon steel, 2 x 27 in., light, strong and sturdy. Tubular brass intake strainer provides strainer area 15 times that of ordinary type. Dasher agitator cleans it at each stroke, absolutely preventing clogging. Entire valve assembly, including intake strainer, accessible from outside of pump without dismantling. Fitted with 6 ft. of discharge hose, 4 ft. iron extension rod and brass angle spray nozzle. Weight 33 lbs. Each, \$13.00.



## Hudson Ideal Sprayer No. 35S



A heavy duty, high pressure portable outfit for orchard, vineyard, truck garden, park, golf club, private estate, dairy barn, poultry house, etc. Handles insecticides, cold water paint, etc.

Pump is 4SA. Non-clogging tubular brass intake strainer provides unusual strainer area. Dasher agitator cleans it at each stroke.

Compressed Air Chamber and tank of heavy gauge galvanized steel sheet, reinforced top and bottom with channel iron.

Wheel 18 inches diameter, 2 1/2 inch tire.

Fitted with 6 ft. discharge hose and 4 ft. iron extension pipe, brass angle nozzle and shut-off valve. Weight 102 lbs. Price each, \$36.50.

## Hudson Ideal No. 34S

Same as No. 35S, but without Compressed Air Chamber. Each.....\$24.50

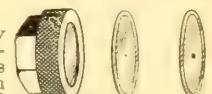
## Non-Clog Nozzle

This nozzle is made entirely of brass with strong leather gasket. Has heavy perforated brass screen to prevent sediment from clogging spray disc. Equipped with fine, medium and large hole spray discs. Will handle all spraying solutions and can be used on any compressed air or wheelbarrow sprayer. Ea. 75c.

## Bordeaux Whitewash Nozzle

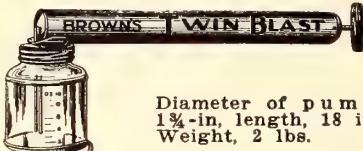
No. 71—For spraying, whitewashing or cold water painting. Adjustable to regulate the quantity of liquid used. Throws a wide, flat spray.

Threaded 3/8-inch standard pipe. Price, each, 75c.



## SPRAY PUMPS (Continued)

**BROWN'S  
TWIN BLAST  
SPRAYER**  
Equipped with  
twin spray jets  
glass tank. 1  
quart capacity.  
Each, 60c.



Diameter of pump,  
1 1/4-in. length, 18 in.  
Weight, 2 lbs.

The following operate continuously on both up  
and down stroke, throw a fine misty spray; handle  
any solution. Capacity 1 quart.  
shipping weight,  
2 lbs. (See cut.)



No. 26 A. G.  
No. 26 A. B. and C.  
are same type and  
size as cut shown.

No. 26A—1-qt., tin pump, tin tank.  
Each, 75c.  
No. 26B—1-qt., tin pump, brass tank.  
Each, \$1.20.  
No. 26AG—1-qt., tin pump, glass tank.  
Each, \$1.10.



No. 22A — 1-qt., tin  
pump and tank. 40c  
each.

### Rubber Sprinklers

No. 28—Holds 8 oz. Red India rubber with black,  
hard rubber nozzle. (See cut.) Each, \$1.25.



### Hudson Dusters

#### For Every Purpose

No. 651. **Corporal Duster.** Ship. wt. 1/2 lb., each....\$ .20  
No. 660. **Signal Duster.** Shipping wt. 1 lb., each..... .35  
No. 663. **Cadet Duster.** Shipping wt. 1 lb., each.... .50  
No. 665. **Major Duster.** Shipping wt. 2 lbs., each 1.25

### Hudson Glass Jar Sprayer

For spraying moth spray, fly spray, for ants  
roaches, bedbugs, etc. Has tin cylinder, five ounce  
capacity glass jar. Price, 20c each.

### Platz Grun Double Action Duster

Large, powerful  
leather bellows.  
No gears to wear  
—easy to operate.  
Practically inde-  
structible. Agita-  
tor is positive; reg-  
ulator is accurate.  
Compact, sturdy,  
efficient; the bel-  
lows being double,  
insure a steady  
flow. The dis-  
charge pipe, with  
its adjustable  
spreader will de-  
liver a cloud of  
dust 20 ft. in the  
air if desired, or  
underneath the  
leaves close to the  
ground. Net  
weight 17 lbs. Ca-  
pacity, 20-30 lbs.  
Each, \$18.50.



### Hudson Crank Duster No. 603

This efficient medium sized machine has a capacity  
of 3 1/2 to 7 lbs. of powder. Convenient arrangement  
for filling and the discharge equipment consists of  
three 14-inch tubes, 2 elbows, 1 wye, 2 nozzles, and  
an adjustable carrying strap. Shipping weight, 9 lbs.  
Price, \$9.00.

## GARDEN PEST KILLERS

On items not quoted at postpaid prices, see Zone  
Rates for amount to remit for postage.

### All-Round Spray

"Acme All-Round Spray" is composed of nicotine  
sulphate, arsenate of lead and bordeaux mixture, sci-  
entifically combined for controlling chewing and  
sucking insects, and blight and fungus diseases all  
in one application. Price—1/4 lb. size, 35c; lb., 80c.

### Ant-Kill

Ant-Kill syrup is used with safe service cups  
which give protection to birds, chickens, pets and  
children, yet readily accessible to ants who carry the  
syrup back to the nest. Attractive to Argentine and  
sweet-eating ants.

**Prices**—Cottage Set—3-oz. syrup, 5 cups, 60c each;  
3-oz. bottle, 25c each; 2-oz. bottle, 20c each; 1/2 pint,  
50c; pint, 75c; Service Cups, 10c each.

### Antrol

The Antrol system is composed of small glass con-  
tainers partially filled with syrup, placed along ant  
"trails" in the garden. (Containers same as "Ant  
Kill.") Syrup, pints, 65c; quarts, 85c.

### Ant Paste (Kellogg's)

"Rattle Cap"—A very effective remedy for control  
of ants affording a quick, temporary relief. Bottle,  
25c.

### Aphis Spray (Acme)

An improved nicotine spray combining a soft fish  
oil soap with Black Leaf 40, suitable for the control  
of all kinds of aphis (plant lice), thrip, leaf hopper  
and many more insects. Complete directions with  
every package. 3 oz. collapsible tube, 35c; 12 oz., 95c.

### Arsenate of Lead

Arsenate of Lead is recommended to control all  
leaf-eating insects on trees, shrubs, flower and vege-  
table plants.

1/2-lb. carton, 18c; 1-lb. carton, 30c; 4-lb. bag, 70c.  
Write for quantity prices.



**Atla cide Calcium  
Chlorate.**—A safe and  
sure weed killer (non-  
poisonous, dry powder-  
ed form). It has been  
applied with entire  
satisfaction for killing weeds on farms, railroads,  
highways, and all places where objectionable weed  
growth is found. Dissolved and applied as a spray.  
Apply 2 lbs. per square rod of solidly infested area.  
Full instructions are on each package. **Prices not  
prepaid:** 1-lb. sifter top can, 50c; 3-lb. sifter top can,  
\$1.25; 15-lb. drum, \$3.50; 50-lb. drum, \$7.00; 100-lb.  
drum, \$13.50.

### "Black Leaf No. 40"

**Nicotine Sulphate—40 per cent Nicotine**  
In addition to its effectiveness in killing Garden  
Pests, "Black Leaf 40" is sure death to poultry lice  
and mites. Write for details.

**Prices**—1 oz., 35c; 5 ozs., \$1.00; lb., \$2.25; 2 lbs.,  
\$3.25; 5 lbs., \$5.85; 10 lbs., \$10.60; 1 oz. makes 6 gal-  
lons; 1/2 lb., 40 to 60 gallons.

### B-K (Bacili-Kil)

This is not a poison but is ten times more powerful  
as a germ killer than carbolic acid—clean, colorless  
and a deodorant. Indoor spray: pint, 60c; qt., \$1.00;  
gal., \$3.50; outdoor spray, qt., 60c; gallon, \$2.00; 5  
gal., \$8.50.

### Bluestone

**Bluestone (or Copper Sulphate)**—Used in preparing  
home-made Bordeaux Mixture. 1 lb., 25c; 5 lbs., 75c.

### Bordo Mixture

Prevents large losses caused by blight, rot, mildew,  
scab, anthraclose, and certain other fungous dis-  
eases, will stimulate plant growth and greatly in-  
crease the harvest. 1-lb. carton, 30c; 4-lb. paper bags,  
65c.

### Baite-M (Acme)

Just sprinkle this around and under plants. It  
kills slugs, snails, cut worms and kindred pests.  
Lb., 35c; 3 lbs., 70c; 15 lbs., \$2.75.

### Caltox

A combination insecticide-fungicide for control of  
Beetle, Worms, Caterpillars and most fungous dis-  
eases. 6 oz. shaker, 35c; lb., 75c; 3 lbs., \$1.50.

### Copper Carbonate Dust

**Cupro-Jabonite (Copper Carbonate — 18-20%)**—  
Proved effective and available at a much less cost  
than the Pure Copper Carbonate. 5 lbs., 85c. Write  
for quantity prices.

## PEST AND DISEASE KILLERS—Continued

Only those items marked "non-poisonous" are admitted to the mail. All others are forwarded by Express or Freight.

### Cyanogas

**Cyanogas or Calcium Cyanide** is used for the control of ants, grape-leaf hoppers, fleas, chinch bugs, grasshoppers in hatching beds, squash bugs, and many other insect pests, as well as rats, gophers and other rodents. It is also used for the fumigation of greenhouses and houses.

**"A" Dust**—4 oz., 30c; 1/2 lb., 45c; 1 lb., 75c; 5 lbs., \$2.50; 25 lbs., \$9.00. **"G" Dust (For Greenhouse)**—1 lb., 80c; 5 lbs., \$3.10; 25 lbs., \$10.50.

### Dusting Sulphur

For control of blight, mildew and fungus diseases. Price—1 lb., 20c; 5 lbs., 65c; 10 lbs., \$1.10; 100 lbs., \$7.50. (Not a poison; mailable.)

### Evergreen Spray

Effective against most any plant pests, including Cucumber and Melon Beetles, Cabbage Worms, Rose Slugs, Leaf Hoppers, Currant Worms, etc. Kills only insects—harmless to man, live stock, birds and pets.

Price: 1 oz., 35c; 6 ozs., \$1.00; 16 ozs., \$2.00; 1 gal., \$11.00. (Not a poison; mailable.)

### Kleenup or (Free) Emulsion

The "Certain Death" to scale insects and destroys Brown Mites and Apple Leaf Roller Eggs and controls Canker Rot, Twig Blight, and many other fungus diseases. 1 gallon can, \$1.00, shipping weight, 11 lbs.; 5 gallon can \$3.00. White for price on quantities.

### Garden Guard

No sprayers, no water, no mixing. Dust on plants from sifter top carton or through burlap sack. Not only a good insecticide but also a fungicide. Non-poisonous—mailable. Prices—1 lb. sifter carton, 35c; 4 lb. paper bags, 75c.

### Indor Fly Spray

Light refined base. Delicately perfumed odor. Kills flies, moths, cockroaches, and many other insects on contact. Will not stain fabrics. Leaves no oily odor. 1/2 pt., 35c; pt., 60c; qt., \$1.00.

### K-M-G Dandelion Killer

A drop or two of this remarkable new preparation in the center of a Dandelion plant (not the flower) kills it completely and permanently. It is easy to use and obtains results that are miraculous. Rid your lawn of this obnoxious pest—get a bottle today—it makes Dandelions "curl up and die" and STAY DEAD! One bottle will clean up an average size lawn. Price, \$1.00 each.

### K-M-G Morning Glory Killer

Applied as a liquid spray to the leaves and stems, it is absorbed and distributed throughout the entire root system—killing the entire plant. One or two sprayings solve the Wild Morning Glory problem permanently.

An acre of solid Morning Glory requires from 6 to 8 gallons of K-M-G. Mix 1 part K-M-G to 75 of water. Price—qt., \$1.50; 1/2 gal., \$2.85; 1 gal., \$4.50; 5 gal. drum, \$20.00.

### Lime Sulphur

For dormant spraying in the fall or early spring against Scale, Peach Blight, Leaf Curl and Twig Borer, use 9 to 11 tablespoons to 1 gallon of water.

For summer spraying against Scab, Soot and Blotch, Red Spider and Mites, use from 2 1/2 to 3 level tablespoons to 1 gallon of water. 1-lb. can, 35c; 5-lb. can, \$1.45; 10-lb. can, \$2.35. (Not a poison.)

### Nicotine Poultry Delouser (Acme)

A proven product. The nicotine fumes do the killing. A pint can will treat 300 to 400 running feet of perches or 450 to 600 chickens. This Nicotine Delouser will also control plant lice on flowers and vegetables. Full directions on each package. 2 oz. tube, 35c; pint, \$2.00; quart, \$3.00; gallon, \$8.50.

### Nico Dust

**No. 10**—Most effective dusting powder highly charged with Nicotine. Kills plant lice. 5 lbs., \$1.85; 25 lbs., \$5.25; 50 lbs., \$9.75; 100 lbs., \$18.75.

### Paradow

#### For Peach Borer Control

This is an unadulterated compound of Paradichlorbenzine which is recommended in Farmers' Bulletin 1246, U. S. Dept. of Agriculture for the control of Peach Borer. Fall application is more desirable but it can be attended to in the spring. Use 1 oz. per tree on those of 6 years or older. Full direction with each order. 1 lb. can, 60c; 5 lbs., \$2.50.

### Paris Green

For potato bugs, use from 1/2 to 1/4 of a level tablespoon to 1 gallon of water. Apply as a dust on cotton, using 1 part Paris Green, 1 part flour, 5 parts lime. On tobacco, use as a dust alone or mixed with Arsenate of Lead. Price, 1/4 lb. carton, 20c; 1 lb. carton, 50c; 5 lbs., \$2.20.

### Revenge

A most effective powder for head lice and other vermin on Poultry, Hogs, Cattle and Horses. "Revenge" gets them when other remedies fail. Apply direct as well as sprinkle in runs and bedding places. 1 1/2-lb. pkg., 45c; 3 lbs., 75c; 6 lbs., \$1.25; 50-lb. pail, \$5.00.

### Semesan Disinfectants

**Ceresan (for Seed Grains)**—Prevent "smut" by treating all seed grains with Ceresan. Only 2 ounces needed per bushel of seed wheat, rye, sorghums or millets and 3 ounces for oats and barley. Price—1 lb., 75c; 5 lbs., \$3.00; 25 lbs., \$12.50.

**Semesan** provides effective control of various damping-off diseases, "Brown patch," etc. Price—2 oz., 50c; lb., \$2.50; 5 lbs., \$11.75; 25 lbs., \$46.25.

**Semesan Jr.** is used as a dust disinfectant to control the ear, root and stalk rots of corn. In tests conducted in both Illinois and Iowa by the Federal and State Governments, **Semesan Jr.**, increased yields from diseased seed varying amount up to 38%. Price—4 oz., 35c; lb., \$1.00; 5 lbs., \$4.75; 25 lbs., \$23.25.

**Semesan Bel**—Applied to whole or cut seed potatoes, either as a dry powder or in liquid form, Semesan Bel will prevent or control the common seed borne potato diseases. Also very effective in treatment of Gladioli and other bulbs. Price—4 oz., 50c; lb., \$1.60; 5 lbs., \$7.00; 25 lbs., \$31.25.

### Sheps Concentrated Cattle Spray

#### Kills Flies, Mosquitoes, Lice, etc., Effectively

It should be diluted with at least 14 parts kerosene, tractor oil or distillate and will make a good serviceable spray, even when mixed 1 part to 50 of the diluent. 8 oz. size, 60c; 16 oz., \$1.00; 32 oz., \$1.75.

### Sheps Plant Spray

Kills insects effectively on flowers, vegetables, vines, shrubs, and indoor plants. It is non-poisonous. Full directions on each package. (1 oz. makes gallon of spray.) 1/2 oz., 10c; 1 1/2 oz., 25c postpaid.

### Spray Soap

**Fish Oil**—Dissolve 2 ounces of soap to 1 gallon of water for all small fruit. For large fruit trees, shade trees, etc., use 3 ounces of soap per gallon. Very effective as a spreader for "Black Leaf 40," Nicofume, Liquid, etc. 1/2 lb., 20c; lb., 30c; 5 lbs., \$1.25. (Not a poison.)

### Tobacco Dust

When dusted over young plants, it is very efficient in repelling many kinds of bugs and in keeping the foliage from *Aphis* and Lice. Price—lb., 15c; 10 lbs., \$1.00; 100 lbs., \$6.00.

### Treheal

This preparation for sealing tree wounds. It sterilizes the injured part and forms a coating that will not crack or check regardless of temperature. Pt., 30c; qt., 50c; gal., \$1.95. Weight, pt., 1 1/2 lbs., qt., 3 lbs., gallon, 13 pounds (Not a poison.)

### Volck (Nursery and Greenhouse)

A very meritorious new insecticide, the best remedy we know about for mealie bug which has heretofore been beyond control. It is effective, also, against Cyclamen Mite, Thrips, Red Spider, *Aphis*, White Fly, Rose Mildew and Scale insects. Dilute one part "Volck" to 22 parts water for general use. Price—3 1/2 oz. bottle, 35c; pint, 50c; qt., 75c; gal., \$2.00; 5 gal., \$6.50; 28 gal. drum, \$28.00. (Not a poison.)

### Weed Killer (Adco)

Here's a new very remarkable weed killer for lawns. It is a powder that eradicates weeds and does not injure the lawn—in fact, it stimulates it to a more luxuriant growth. It will do more in one hour than a month of labor digging out weeds. (1 lb. covers 100 square feet.) Non-poisonous. If by mail, add postage. 3 lb. (sift top can), 90c; 25-lb. bag, \$3.55.

## Pruning Saws

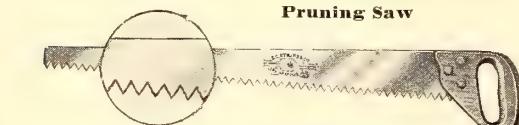
As per illustrations on this page, are made of the best materials and are absolutely dependable. Prices include postage.



Pruning Saw  
No. 113. Blade 14 in.  
Each \$1.25

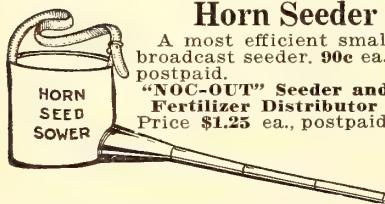


Pruning Saw  
No. 16. Pole Pruner. 16 in. blade.  
Each, \$2.10



Pruning Saw

No. 17. 26 in. blade. \$2.15 ea., postpaid.



### Horn Seeder

A most efficient small broadcast seeder. 90c ea., postpaid.

"NOC-OUT" Seeder and Fertilizer Distributor  
Price \$1.25 ea., postpaid



## Fertilizers - Soil Builders

Unless otherwise specified, prices on all Fertilizers are f.o.b. Salt Lake. If desired by mail add postage to order.

**Adco** (Artificial Manure)—Mixed with leaves, cuttings, vines, weeds, straw, cornstalk, etc. Adco converts them into rich, real manure, sanitary, odorless, and free from weeds. 25 lb. bag., \$2.50; 150 lb. bag., \$10.50.

**Bone Meal**—A good fertilizer, should be forked in the soil in the Fall, if possible. 10 lbs., 60c; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.75.

**Iron Sulphate**—This is a very effective remedy for Chlorosis or "yellows" as it is sometimes called, in plants and shrubs. This condition may be corrected by the application to the soil about the plant of a small quantity of Iron Sulphate. It is very effective also for counteracting alkali in soils. Powdered. Price: lb., 15c; 10 lbs., \$1.25; 100 lbs., \$10.00.

**Fish and Meat Meal**—Very much in demand for celery, lettuce and other garden crops. 25 lbs., 90c; 100 lbs., \$2.50. Write for quantity prices.

**Lime Hydrated**—Used for correcting acid soils, improving the mechanical condition of the soil, for grass, farm crops, etc. Broadcast 10 lbs. to 200 sq. ft. or 1 ton to the acre. 5 lbs., 25c; 10 lbs., 25c; 25 lbs., 50c; 50 lbs., 80c; 100 lbs., \$1.60.

**Sulphate of Potash**—Price: 3 lbs., 25c; 10 lbs., 60c; 25 lbs., \$1.35; 100 lbs., \$4.75.

**Nitrate of Soda**—Same price as Sulphate of Ammonia.

**Stim-U-Plant**—An all-the-year fertilizer for garden and house plants. An odorless, highly concentrated plant-food in tablet form, with guaranteed chemical analysis of 11 per cent nitrogen, 12 per cent phosphoric acid, 15 per cent potash, 30 tablets for 25c; 100 for \$7.50; 1000 for \$35.00.

**Sulphate of Ammonia**—Apply 100 to 500 lbs. per acre. Use only after plants are above ground. If used in liquid form dilute 2 oz. to 1 gal. of water and do not apply oftener than twice a week. 5 lbs., 40c; 10 lbs., 65c; 25 lbs., \$1.25; 100 lbs., \$3.00.

**Treble Super Phosphate**—Containing 45% available phosphate, apply alone or in combination with other fertilizer. Per bag of 125 lbs., \$4.00.

**Prices fluctuate rapidly. Write for quantity prices.**

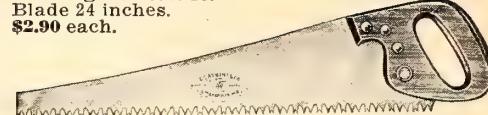
### Granulated Peat Moss

Most valuable as a soil conditioner. It adds organic matter; conserves moisture and aerates, used extensively for mixing in soil for pot plants, also window boxes, lawn, flower or vegetable garden; mulching Perennial and Rose beds as well as around Evergreens, both broad-leaved and coniferous sorts. Per bale, \$3.00. Broken bale lots, 8 lbs., 50c; 20 lbs., \$1.00; half bale, \$1.75.

### Pruning Saw No. 40.

Blade 24 inches.

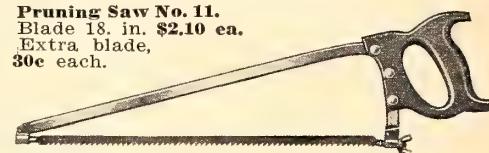
\$2.90 each.



### Pruning Saw No. 11.

Blade 18. in. \$2.10 ea.

Extra blade, 30c each.



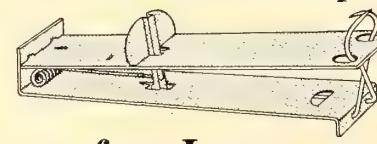
No.  
G07



Prices Not Prepaid

	Each
No. G07—Garden Hoe (Steel)	\$1.25
No. B16—Turf Edger (Steel)	1.75
No. B16—Garden Rake (Steel)	1.50
No. OHL—Spading Fork (Steel)	1.75
No. P.O.L.D.—Spading Fork (Steel)	1.50
No. A62—Spade (Steel)	1.50
No. L.D.R.—Lawn Rake (Steel)	1.00
Bamboo Lawn Rake (Strong)	.20
No. V52—Shovel (Round Point)	2.00

### Star Pocket Gopher Trap



It seldom fails to deliver the pest. Rust-proof steel construction 6 in. long, jaws 3 in.; wt. 6 ozs., 25c each. Postpaid.

### - for Lawn and Garden

to deliver the pest. Rust-proof steel construction 6 in. long, jaws 3 in.; wt. 6 ozs., 25c each. Postpaid.

### Swift's "Red Steer" Fertilizer

The formulas represent proportionate content of Ammonia, Phosphoric Acid and Potash in the order named. We furnish any special mixture desired.

**Red Steer Formula 3-10-10**—For apples, cherries and truck garden crops. Use 800 to 1000 lbs. per acre. Price: \$50.00 per ton; per bag of 125 lbs., \$3.50.

**Red Steer Formula 4-8-12**—Especially for orchard crops where high color in fruit is desired. Use 800-1000 lbs. acre. \$52.00 per ton; bag, 125 lbs., \$3.75.

**Red Steer Formula 5-6-8**—For strawberries, small fruits. This formula has been found to be most efficient by large strawberry growers. Use 800 to 1000 lbs. per acre. Price: per ton, \$52.00; per bag of 125 lbs., \$3.75.

*McQueen's*

TRADE MARK REGISTERED

## INOCLATOR DUST-KOTE

### Hardy, Farm-Grown Bacteria

Absolutely guaranteed to give satisfactory results or your money back. Simple directions for mixing Inoculator with your seed are printed on each package. Do it right in seeder or drill box. No water is used.

### More Loads from Same Acreage

Inoculate your Alfalfa, Sweet Clover, Soybeans, Peas, Vetch, Beans and Clovers of all kinds with McQueen's guaranteed Inoculator.

Cost is small—order for the amount of seed you wish to treat.

For Clovers, Alfalfa, Lepidium, Etc.	Vetch, Peas, Beans, Etc.
1 bu. size	1 bu. size \$ .35
1/2 bu. size \$ .35	2 bu. size .50
1 bu. size .50	5 bu. size 1.00
2 1/2 bu. size 1.00	10 bu. size 1.50
5 bu. size 1.75	

**For the Home Garden**—Garden packet (for Peas, Beans, Lima, Sweet Peas), 15c.

Always state kind of seed you wish to inoculate.



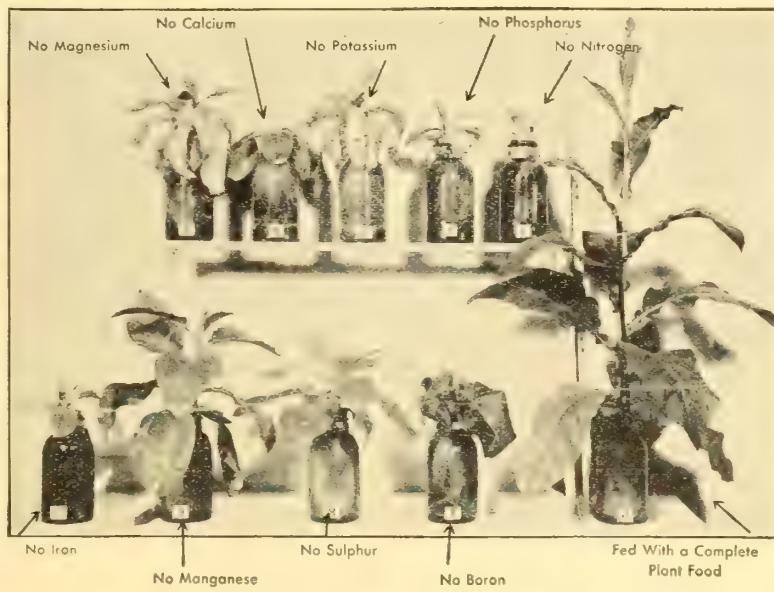
# YOU CAN ACHIEVE RICH GARDEN BEAUTY!

You can grow beautiful lawns and flowers as pictured in this catalog. Disappointments are most often the result of half-starving or improperly feeding your plants.

Assure success by giving everything you grow a square meal of VIGORO.

Vigoro is different! It is a complete plant food that contains all of the elements plants must get from the soil instantly ready for the plant's use. Bone meal, manures, and sewage supply only one, two, or at most three elements and these must first be released for use by decay, a process that's slow in spring when plants need food most.

*The picture of the government plant food experiment, reproduced below, lets you see why you'll get such wonderful results from Vigoro. Grown in cultures, these plants show what happens when any one of the necessary elements is missing in the soil. This year use clean, odorless Vigoro and be sure your plants are properly nourished.*



Picture at right shows results of test reported in Technical Bulletin 340 of the Bureau of Plant Industry, U. S. Department of Agriculture. Plant No. 6 fed all necessary elements. From each of others one element, as noted, was omitted from the culture.

## Complete Plant Food

Clean, Odorless, Easy to Apply  
ENJOY BETTER LAWNS, FLOWERS AND GARDENS

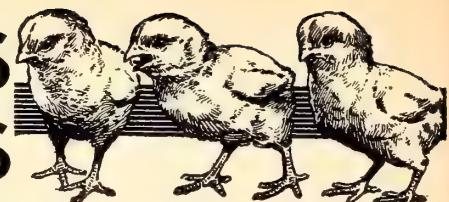
Use Vigoro. Complete directions in every bag. Prices f.o.b. Salt Lake. 12-oz. pkg. 10c; 5-lb. bag, 45c; 10-lb. bag \$5c; 25-lb. bag, \$1.50; 50-lb. bag, \$2.50; 100-lb. bag, \$4.00. Not Prepaid.

# VIGORO

The **SQUARE MEAL** that assures rich BEAUTY in Lawns and Flowers

Try It  
This Year  
and Be  
Happy

# P-W's BABY CHICKS POULTRY SUPPLIES



## About Baby Chicks

Baby chicks are a great specialty with us. We recommend the raising of our day-old chicks as the most satisfactory way of establishing a new flock of poultry, or of renewing an old flock, for utility purposes.

We are agents of the leading hatcheries and can furnish most any quantity and breed. As prices fluctuate greatly from month to month, kindly write for our Special List of Breeds and Prices; which will be sent by return mail.

## IMPROVED STOVE BROODERS

### BURN HARD OR SOFT COAL OR COKE

Made in three sizes, will burn hard or soft coal or coke; have double draft control and require 5-inch pipe. Automatic regulation controlled by check-draft, governed by 2 double filled water thermostats. Prices f.o.b. Salt Lake.

**Royal No. 5**—Chick cap., 500; coal cap., 44 lbs.; size hover, 52-in.; height, 23½-in.; dia. grate, 9½-in.; ship. wt., 100 lbs.; price, \$18.00.

**Royal No. 6**—Chick Cap., 1,000; coal cap., 58 lbs.; size hover, 56-in.; height, 25-in.; dia. grate, 10½-in.; ship. wt., 120 lbs.; price, \$21.00.

**Royal No. 7**—Chick cap., 1,500; coal cap., 73 lbs.; size hover, 60-in.; height, 33 in.; dia. grate, 12½-in.; ship. wt., 163 lbs.; price, \$28.00.

**Roof Flange** Adjustable to care for any pitch of roof, made complete with stack 24 inches high and rain cap as illustrated. Made for two sizes of pipe, 4-inch and 5-inch, which should be specified in ordering. Each \$1.80.

**Brooder Pipe** 5-in. diam., per length of 24 in., 25c; 4-in. diam., 5-in., each, 25c.

### "Broodrite"

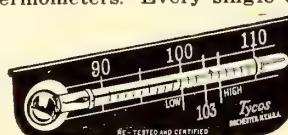
This burns either furnace oil distillate or kerosene, consuming from 4 to 6 quarts of oil in 24 hours in mild weather or about 3 gallons in sub-zero weather. It is automatically regulated and works as steady as a clock. Prices are f.o.b. Salt Lake City.

Size Hover	Capacity	Weight	Price
No. 238. 54 inches	—1000 chick	78 lbs.	\$21.00
No. 239. 63 inches	—1250 chick	85 lbs.	\$22.00

### Thermometers

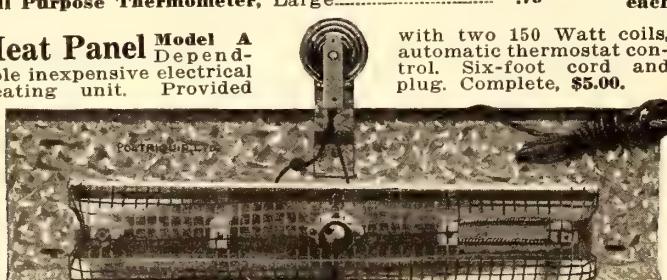
Tyco No. 5783

Worth the slight addition in cost. Retested and certified. Makes sure, doubly sure. Can be used to test other incubator thermometers. Every single degree graduation engraved directly on the glass tube, and every fifth line and figures stamped on the metal scale. Each in a box with stand and certificate. Each, \$1.25, postpaid.



No. 5776 Incubator	\$ .85
Incubator-Brooder Thermometer, with legs, ea.	.60
Brooder Thermometer, each	.50
Brooder Wood Mounted, each	.50
No. 5981—Hotbed, special for soil	3.50
All Purpose Thermometer, Medium	.50
All Purpose Thermometer, Large	.75

**Heat Panel Model A** Dependable inexpensive electrical heating unit. Provided



with two 150 Watt coils, automatic thermostat control. Six-foot cord and plug. Complete, \$5.00.

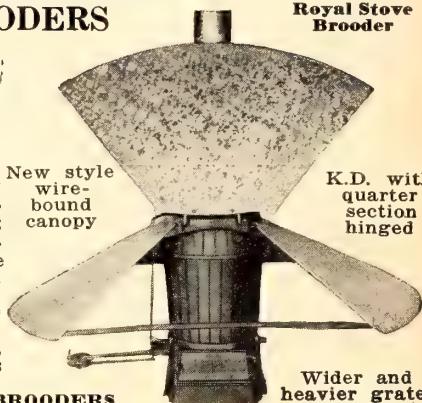
## About Poultry Feeds and Remedies

We are General Agents for **Pratt Food Co.** and the **Geo. H. Lee Co.**, two of the leading Remedy manufacturers in this country and are in an excellent position to give service to the Intermountain section. Write for these special Booklets which are mailed free on request.

**"The Lee Way"**—A Treatise on Poultry Diseases and Treatment.

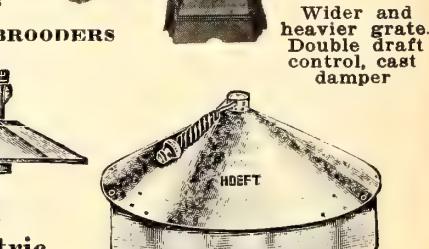
**Common Poultry Diseases and Their Treatment**—By Pratt Food Company.

Royal Stove Brooder



New style  
wire-  
bound  
canopy

K.D. with  
quarter  
section  
hinged



Wider and  
heavier grate.  
Double draft  
control, cast  
damper

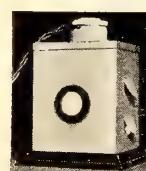
### NEW OIL BURNING BROODERS

### "Broodrite"



### Electric Brooder

Twenty-four inches in diameter. Mounted on steel legs with complete canvas curtain, removable for cleaning. Regular porcelain screw socket for either 60 or 100 Watt bulb which is protected by perforated metal housing. Capacity, 75 day-old chicks. Weight, 7 lbs. Each, \$2.50.



Electric Egg  
Candler  
No. 302  
Price, \$1.30  
each.

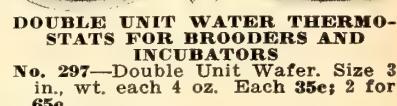


Spotlight Tester  
A rapid and efficient  
egg candler. Each  
\$2.00.

Double  
Unit



Thermostat



DOUBLE UNIT WATER THERMO-  
STATS FOR BROODERS AND  
INCUBATORS

**No. 297**—Double Unit Wafer. Size 3 in., wt. each 4 oz. Each 35c; 2 for 65c.

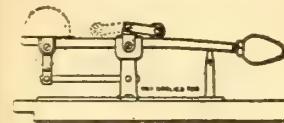
## Caponizing Sets

Gaponizing has become very popular with the poultrymen, as it brings the highest prices in poultry. The capon makes quick, tender meat, and much of it. To make a profit in poultry raising all male birds should be made capons. Very easy to do after reading special book of instructions which accompanies each set.

We offer the following well known sets, all postpaid.



"Pilling-Farmer" \$3.00  
"Philadelphia" 3.00  
Landsdown No. 2 4.50  
Cornell 6.00



## Egg Scales Reliable

This scale grades eggs quickly, easily and exactly. Has a quick double shift.

Has a quick double shift, thereby taking the place of two scales. It has four steel knife-edge bearings, which guarantees a correct weight and long life. Price, \$2.50 each.

## Paper Egg Boxes

**Standard**—3x4, dozen, 20c; 100, \$1.15; 250, 2.25; per 1000, \$7.50. Weight 2 lbs. per doz.

**Standard**—2x6, dozen, 25c; 100, \$1.50; 250, \$3.25; per 1000, \$13.00. Weight 2 lbs. per doz.

## Nest Eggs

**Lime Nest Egg**—Preferred by many as they are unbreakable and more natural in shape and color. Price, 5c each; 40c per dozen. Wt., 2 lbs. per dozen. Postage extra.

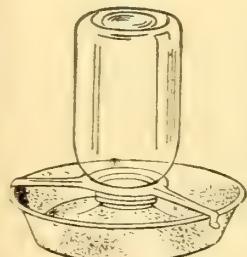
**Porcelain**—Best grade, strong and durable. Each, 5c; dozen, 35c; weight,  $\frac{1}{4}$  lb. per dozen.

## Chicken Markers

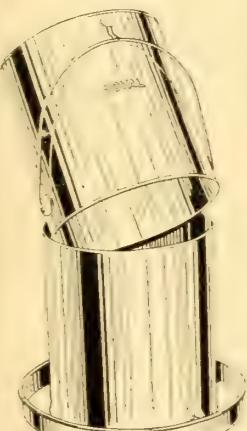
**Chicken Markers**—All postpaid.

**Petty's Perfect Poultry Punch**, small hole; each, 25c.

**Joe's Ideal Poultry Punch**, Nickel plated, each, 50c.



Mason Jar Fount Type



Royal Fountain  
No. 203, 205, 208

**Automatic Float Valve**—For regulating running water. Can be attached to any city water line, farm water tank, supplying fresh water automatically. Price, \$1.00 each.

## Water Fountains

Made from heavy galvanized iron, double tank construction, of large capacity for grown fowls.

No. 203—Cap., 3 gal.; shipping wt., 11 lbs.; each..... \$1.75

No. 205—Cap., 5 gal.; shipping wt., 17 lbs.; each..... 2.40

No. 208—Cap., 8 gals.; shipping wt., 17 lbs.; each..... 3.00

**Hudson**—Similar to No. 203 except top is oval mounted with non-permeable disk.

No. **LF-5 Fountain**. Cap. 5 gal.\* pan diameter 15 in.,

1 in ctn., shipping wt., 10 lbs.; each..... \$3.00

No. **LF-8 Fountain**. Cap. 8 gal.\* pan diameter 17 in.,

1 in ctn., shipping wt., 13 lbs.; each..... \$3.35

## Feeder Troughs

Feeding Troughs—Made from charcoal tin plate. Sliding top. Easy to clean.

No. 335—length, 12 in. (see cut); wt.,  $\frac{3}{4}$  lb.; ea..... 12c

No. 324—length, 24 in.; 34 holes; wt.,  $1\frac{1}{4}$  lbs.; ea..... 35c

No. 224—length, 24 in.; 34 holes; wt.,  $1\frac{1}{2}$  lbs.; ea..... 30c

(No. 224 is for water only as it is galvanized iron)

## Grit and Shell Boxes

No. 9—For Grown Birds, 3 comp.; wt., 3 lbs.; ea..... .75

No. 90—For Grown Birds, 4 comp.; wt., 4 lbs., ea..... 1.00

**HOEFT**  
Chick Feeder—No. 335

**HOEFT**  
Type of Feed Trough  
Nos. 324 and 224

## Leg Bands

### Single Coil Spiral Colored Bands—

Made of celluloid in six different colors, black, red, green, yellow, cerise and dark blue; for every breed of poultry, pigeons and baby chicks. Please state breed when ordering.

Size	25	50	100	500	1000
No. 4—Day Old Chick	\$ .15	\$ .25	\$ .45	\$1.75	\$3.00
No. 5—Pigeon	.15	.25	.45	1.85	3.20
No. 8—Mediterranean	.20	.30	.50	2.10	3.80
No. 9—Ex. Mediterranean	.20	.30	.55	2.25	4.00
No. 11—American	.25	.35	.60	2.40	4.40
No. 12—Asiatic	.25	.40	.75	3.00	5.50
No. 14—Turkey	.30	.55	1.00	4.00	7.50
No. 16—Turkey Tom	.40	.75	1.40	5.50	10.00

### FLAT LEG BANDS

Bevel ended with spring clip pattern, giving the band a neat jointless appearance, leaving nothing unprotected, the inside being smooth the legband cannot hurt the bird. Five colors, blue, red, yellow, green and pink. Furnished in sets—1 to 25, 1 to 50 and 1 to 100.

Size	25	50	100	500	1000
No. 6—Pigeon	\$ .50	\$ .90	\$1.60	\$7.00	\$13.50
No. 9—Mediterranean	.60	1.00	1.80	8.50	16.50
No. 11—American	.60	1.00	1.80	8.50	16.50
No. 12—Asiatic	.65	1.10	2.00	9.00	17.00



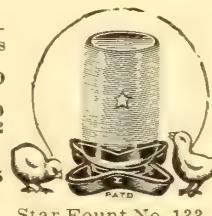
Adjustable Leg Bands

**Champion—Adjustable**—Best adjustable leg band. Has neat, compact and smooth fastening, with no catching points; easily attached and absolutely secure. Prices, 25 for 30c; 50 for 60c; 100 for 75c, postpaid.

**Colored Adjustable**—Carry these in four colors, blue, red, yellow and green; numbered from 1 to 100. Price, 25 for 35c; 50 for 60c; 100 for \$1.15.

## Lamps, Burners, Etc.

Lamp Bowls for No. 3 Burners, galvanized, ea....	\$ .80
Lamp Burners, No. 3, brass; Sun Hinge, each....	.70
Burner Reducer, fits No. 3 bowl and No. 2 burner	.15
Burner Enlarger, fits No. 2 bowl and No. 3 burner	.15
Wicks, Common, for all sizes; each, 5c; 6 for.....	.25
Tin Chimney, for No. 2, 30c; for No. 3 burners....	.35



Star Fount No. 133



Automatic Float Valve



No. 9 Grit and Shell Box

# Birds and Supplies



**CANARIES—St. Andreasburg Rollers**—Our imported St. Andreasburg Rollers with their soft, pleasing, beautiful bell-notes, will surely become a real joy in any home. The prices of these wonderful songsters are from **\$5.50** to **\$10.00**. Some extra select at **\$15.00** each. The colors of these birds range from pure yellow to a dark green. We supply females at **\$2.00** to **\$3.00** each.

**Warblers and Choppers**—The song of these canaries is louder than the Roller, but beautiful in its variation. Many like them equally as well as the Rollers. The prices range from **\$4.50** to **\$7.50**. Extra select for training and breeding purposes at **\$10.00**. Females at **\$2.50**.

We have a large stock of birds, including: Bullfinches, Parrots, Macaws, Java Sparrows, Finches, Paroquettes or Love Birds, etc. Write for prices.

## Bird Cages

The price range is all the way from **\$1.50** to **\$12.00** each. In case you wish to leave the selection with us if you will kindly tell us the amount you wish to pay, and the color desired, we will guarantee to please you.

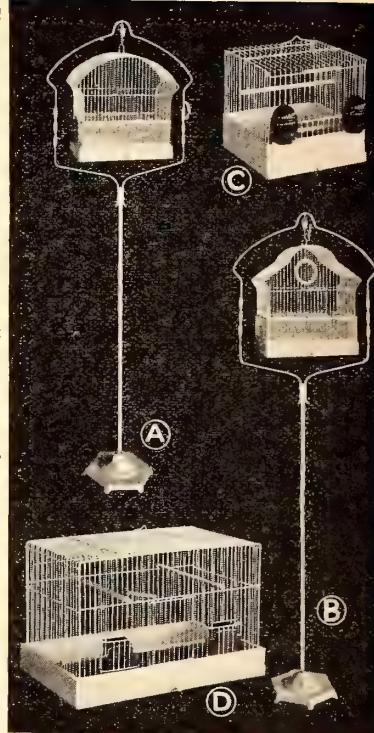
**Economy Combination Cage and Stand No. A** (with outside cups). Cage is 13 inches long, 10 inches wide, 14 inches high, fully equipped with cups, swings and 4 perches. Stand is 66 inches high. Price Cage **\$2.00**; Stand, **\$2.00**. Combination offer **\$3.75**.

**Morsong Combination Cage and Stand No. B** (with inside cups). Both Cage and Stand same size as "Economy." Price, Cage, **\$2.25**; Stand, **\$2.25**. Combination offer, **\$4.25**.

Both of the above are carried in Green, Blue, Red, Black, Bronze, Orchid, Silver, and Orange—all trimmed with Gold. Also Ivory and Green.

## Breeding Cages

With Solid and Wire Partitions, and Metal Drawer Complete with 3 glass cups, 6 perches, and 2 nests. No. 55—18x11 in., height 13 in. Each..... **\$4.00**  
Special Wood Cage, 20x15x15 in., Closed Back..... **3.50**  
No. C—(see cut) Stock Cage 9x9x9 in. Each..... **1.50**  
No. D—(see cut) Flight Cage, 16x10x10 in. Each..... **1.50**



	Each
No. 183—Bird Mangers (Hook on) for Lettuce, Nesting Hair, etc.	<b>.15</b>
No. 586—Spring-A-Ling Exercise Bird Bells	<b>.15</b>
No. 1353—Canary Songsters, Metal Bird Training Whistles	<b>.15</b>
No. 93—Canary Nest Eggs (Made of Porcelain)	<b>.20</b>
No. 744—Parrot Chains (with Split Ring)	<b>.20</b>
No. 1244—Gravel Paper, 9x12 inches, 18 sheets in package	<b>.20</b>
No. 1—Closed Shell Cups, Rib Design, White	<b>.20</b>
No. 16—Canopy Top Cups (Medium) White	<b>.20</b>
No. 47—Oblong Treat Cups (Medium), White	<b>.20</b>
No. 101—Slotted Cups for Bamboo Slide Door Cages	<b>.20</b>
No. 104—Sloping Sides Cups, 3 1/8 inch Back, Large	<b>.20</b>
No. 810—Cage Hooks (Nickel plated) 10 inch loose, No. screws	<b>.20</b>
No. 419—All Celluloid Outside Bath, large (assorted colors)	<b>.20</b>
No. 712—Bird Cage Springs (12 coils) Assorted colors	<b>.20</b>
No. 10B—Bird Nets (10 inch) 18 inch handle	<b>.20</b>
No. 1017—Cuttle Bone Holder	<b>.20</b>
No. 1—Wire Nest (Swivel Type) 4 in.	<b>.20</b>
No. 4—Wire Nest (Hook on Type) 4 1/2 inch	<b>.20</b>

## Bird Foods and Remedies

### Postpaid Prices

Bird Manna, in cakes ready to attach to edge, each	<b>.15</b>
Bird Bitters, Iron Tonic, per bottle	<b>.25</b>
Bird Salve, small size can	<b>.25</b>
Bird Cage Disinfectant	<b>.25</b>
Bird Biscuit	<b>.10</b>
Bird Ointment	<b>.30</b>
Canaradyne, wheezing and Asthma, per bottle	<b>.15</b>
Coloring Pepper	<b>.25</b>
French's Bird Seed and Biscuit, 10-oz. pkt., each	<b>.25</b>
French's Canary Exercise Balls	<b>.25</b>
Lice and Mite Powder, with gun	<b>.25</b>
Leg Bands for Birds, numbered, per doz.	<b>.25</b>

Mexican Salve, for sores, package	<b>.25</b>
Mite Powder, in bags	<b>.20</b>
Nestling Food, Spratt's, package	<b>.30</b>
Orange Color Food	<b>.25</b>
P.-W.'s Parrot Food, mix. for parrots, 2-lb. pkg.	<b>.45</b>
Polliecrackers, spec. biscuit for parrots, 12-oz. can	<b>.30</b>
Song Restorer, valuable tonic	<b>.25</b>
Encyclopedia of Cage Birds (paper cover)	<b>1.00</b>
Know your Birds (paper cover)	<b>1.00</b>

## Bird Seed, Etc.

Not Prepaid, add postage if by mail

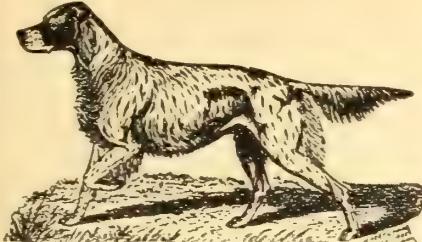
	Lb.
Canary Seed, recleaned, 2 lbs.	<b>.20</b>
Cuttle Bone, 5c a piece, 1/4 lb., 25c	<b>.85</b>
Flax Seed, medicinal laxative, 1/2 lb., 10c	<b>.15</b>
Hemp Seed, recleaned, imported, 2 lbs., 25c	<b>.15</b>
Maw Seed (Poppy), recleaned, 1/4 lb., 15c	<b>.40</b>
Millet Seed, large yellow, 2 lbs., 25c	<b>.15</b>
Oats, steel cut, special bird size, 2 lbs., 25c	<b>.15</b>
Rape Bird Sweet, Imported, 2 lbs., 35c	<b>.20</b>
Sunflower Seed, 2 lbs., 25c	<b>.15</b>
Thistle Seed, 1/4 lb., 20c	<b>.60</b>
Bird Sand, sterilized, 2 lbs., 15c	<b>.10</b>
P.-W.'s Mixed Bird Seed — Consisting of sweet recleaned canary, recleaned Millet Hulled Oats and the large Sweet Rape. Price, 20c per lb.; 2 lbs. for 35c; 3 lbs. for 50c.	

**P.-W.'s Special Bird Seed Mixture for Roller Canaries** — Consisting of Imported Large Sweet Rape and Recleaned Canary. This is especially good for your Roller canaries. No waste. Price **25c** per pound.

## Cage Equipment

Perches, all lengths, plain wood; give size wanted, each	<b>.15</b>
Unbreakable Seed and Water Cups—Colors match cages, Duco finish, each	<b>.25</b>
Nesting Hair—Per pkg	<b>.15</b>
Cage Spring—Double coil, brass, prevents cage swinging; each	<b>.25</b>
Bath Dishes, Porcelain — Oval shape, medium size; 2 for 25c; each	<b>.15</b>

# Dog Supplies



## Dog and Cat Foods For Dogs, Cats, or any Carnivorous Animal

Put up in convenient sized cans all ready for use. Price are all f.o.b. Salt Lake City. Send extra for postage if by mail. Shipping wt. 1 1/4 lbs. per can.

**Ken-L Ration** is a cooked, canned, meat product, ready to feed, containing a splendid balanced ration for any species of Dogs, Cats or Foxes.

Price per can, 15c each; 7 for \$1.00; 1 case, 4 doz., \$6.00.

**Pup-E-Ration**—A well balanced food for puppies and small dogs. Each, 15c; 3 for 40c; per case (4 doz.), \$6.00.

**Kit-E-Ration**—Specially prepared for kittens. A balanced ration. Each, 15c; 7 for \$1.00; per case (4 doz.), \$6.25.

**SPRATT'S Puppy Cakes**, Carton, each 45c.

**SPRATT'S Puppy Meal**, Plain, for weaned puppies. In 2-lb. carton, 40c.

**SPRATT'S Fibo**, Cartons, a little over 2 lbs. each, 45c.

**SPRATT'S Oval**, Carton, each, 40c.

**SPRATT'S Charcoal Oval**, Cartons, each, 45c.

## Dog Biscuits

For grown or large dogs, feed Dog Biscuits once or twice a day. Don't feed too much. Dogs are in best condition when not too fat. The biscuits can be fed dry or moist. Keep fresh water where the dog can drink at will and give plenty of exercise. If any food is left remove it.

Price—(Bulk) 1 lb., 20c; 2 lbs., 35c; 3 lbs., 50c; 10 lbs., \$1.30; 25 lbs., \$3.00; 50 lbs., \$5.50; 100 lbs., \$10.00.

## Puppy Foods

**Puppy Biscuits Nut Bone**—A perfect food for puppies when about two to three months old and continued until about six months old. (Bulk) 1 lb., 20c; 2 lbs., 35c; 5 lbs., 85c; 10 lbs., \$1.60; 25 lbs., \$3.50; 50 lbs., \$5.75; 100 lbs., \$10.50.

## Gold Fish and Supplies

### Goldfish

Fish must travel by express. Customers pay expressage. **No Goods C. O. D.**

**Small Fish**—1 1/2 to 2 inches long. Ea. 15c

**Medium Size**—2 to 2 1/2 in. long. Ea. 20c

**Medium Large**—3 inches long. Each.... 25

**Large Size**—4 inches long. Each..... 35

**Fantails**—According to size. Ea., 50c

to ..... 1.00

**Telescope**—Japanese, bulging eyes, unusually black. Each, 75c to ..... 1.00

**Small Fancy Turtles**—In summer only. Each, 25c; 5 for ..... 1.00

**Snails and Tadpoles**—Are in stock at suitable seasons.

**Tin Pails**—For use when shipping fish, are sold at about cost. Qt., 10c; 2 qts., 15c; gal. ..... 25

**Book**—"The Aquarium," paper cover. Each ..... 25

**Leaflet on Care of Goldfish** Free With Order

### Fish Foods

Prices Include Postage

**Imported Rice Wafer**—Carton ..... 10

**Natural**—Contains some ground shrimp. Carton ..... 10

**Flakes**—A cereal preparation. Carton ..... 10

**Pulverized Shrimp**—For feeding all kinds of fish, 2 oz. pkg., 15c; 2 for ..... 25

**Turtle Food**—Per carton, 25c; small carton ..... 15

**Circles or Ovals**—Miniature oval cakes for puppies and small dogs. (Bulk) 1 lb., 20c; 5 lbs., 90c; 10 lbs., \$1.70; 100 lbs., \$10.50.

**Pup-O**—Granulated for puppies, shy feeders or those recovering from sickness. (Bulk) 1 lb., 25c; 5 lbs., 95c; 10 lbs., \$1.80; 100 lbs., \$10.50.

**Mange Remedy** (Oily dark color) ..... \$ .35

**Distemperine**, Liquid (tablets) — For distemper ..... .60

**Condition Pills with Pepsin** ..... .60

**Blood Purifying, Cooling Pills** — For Eczema, etc. ..... .60

**Laxative Pills**—Keep the bowels right ..... .60

**Worm Pills**—For expulsion of worms ..... .60

**Vermifuge**—liquid—for worms ..... .60

**Canker Lotion**—Liquid (tablets) ..... .60

**Puppy Tonic**—Weak puppies, relieve colic ..... .60

**Diarrhea Remedy**—Liquid (tablets) ..... .50

**Ceoline Dog Wash and Disinfectant** — For fleas ..... .35

**Killiea**—(Dog Soap) ..... .25

**Skin Medicine** — (Colorless) for skin diseases ..... .60

**Cough Remedy**—For coughs and colds ..... .60

**Digestive Tablets**—For all forms of indigestion ..... .60

**Little Red Worm Bullets** — For toy puppies ..... .60

**Chorea Tablets** ..... .60

**Killiea Powder** — For dogs and cats, per can ..... .35

**Tape Worm Expeller**—For tapeworm ..... .60

**Fit Remedy**, Liquid (tablets)—For fits and convulsions ..... .60

**Barnes' Vita-Tone**—Controls worms. .... .50

**Spratts Catnip Mice** ..... .10

**Cat Nip Mice**—Same size and shape as a mouse. A wholesome play toy for the cat. Each, postpaid ..... .20

**Dog Collars**—A very complete assortment of collars in all sizes and styles. Prices range from 25c to \$4.00.

**Dog Harness**—Large stock in all styles and sizes from 50c to \$10.00.

**Dog Chains and Leads**—Metal chain leads from 25c to \$1.00. Leather leads from 50c to \$2.50.

**Dog Sweaters**—In assorted sizes and colors and two-toned shades from \$1.50 to \$3.50.

No. 900—Rubber Rats with Squeal... \$ .10

No. 910—Solid Rubber Dog Bones, assorted ..... .10

No. 905 — Rubber Dog Heads with Metal Squeal ..... .25

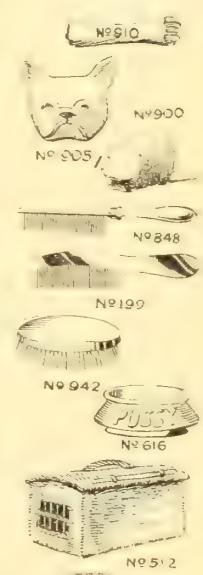
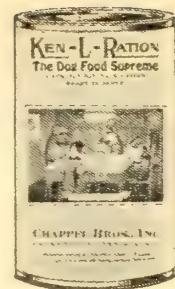
No. 616—Porcelain Pussy Dishes..... .35

No. 848—Steel Combs with Wooden Handle ..... .50

No. 942 — Wire Dog Brush, Groom style (medium) ..... .35

No. 512—Dog Carrying Basket, 18 in. 3.00

No. 517—Dog Sleeping Baskets, 20 in. 4.00



## Acquarium Supplies

(Prices are Not Postpaid Unless Noted)

**Fish Moss**—Postpaid, per bunch..... \$ .15

**Grottos**—Similar to Castles; small, 2 1/2 inches high, each ..... .35

**Castles**—3 in. high; for 1/2-gal. globes, each ..... .40

**Castles**—4 in. high; for 1-gal. globes, each ..... .50

**Castles**—6 in.; for 3-gal. globes, each ..... .65

**Fancy Small Sea Shells**—Assorted, per pkg. ..... .20

**Floater**—Turtles, Frogs, Swans, Geese, each, 10c to ..... .50

## Fish Globes

Your Selection Style No. 830, 835 or 845

**Heavy Glass**—(Not Prepaid)

1-quart size; each ..... \$ .25

1/2-gallon size; each ..... .35

1-gallon size; each ..... .45

2-gallon size; each ..... .90

## Acquariums

See Style No. 1028

**Acquariums**—Metal Frame Style No. 1028

Length Width Depth

10 in. 6 in. 7 in. 2 gal..... \$1.75

12 in. 8 in. 8 in. 3 gal..... 2.10

14 in. 9 in. 10 in. 5 gal..... 3.00

No. 4R—Gold Fish Net, 4 inch, 12 inch handle ..... \$ .10

No. 6R—Gold Fish Net, 6 inch, 13 inch handle ..... .20

We carry a large assortment of "Pet Stock" Supplies—Write if what you wish is not listed

# P.-W.'s FRUIT TREES, Grapes and Grapes



Fruit Assortment

## Our Fruit Stocks Are Acclimated

At our Centerville Nurseries we have a particularly fine lot of strong, healthy fruit trees. This stock has been selected and critically grown to meet the requirements of orchardists planting for eastern or local markets. We believe, also, those of our patrons who are planting a small orchard for home use will find sufficient variety to amply fill every want in the fruit line.

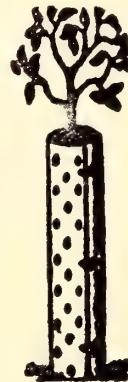
**Average weight of Fruit Trees packed for shipment** as an aid to determine carriage charges: The general run of fruit trees, either in bales or cases, average about as follows: 6 to 8 ft., 2 lbs. each; 4 to 6 ft., 1½ lbs. each; 3 to 4 ft., 1 lb. each; 2 to 3 ft., one-half of a lb. each; Grapevines, one-third of a lb. each.

**Certificate of Inspection, showing freedom of our stock from injurious insects and plant diseases will be attached to all shipments of Nursery Stock.**

## New Tree Protector

This will meet with instant favor with every orchardist. It is an inexpensive protector made from fibre, tough and durable. It can be placed on the young tree in a moment and will stand weather, winter and summer for several seasons. It protects from rabbits, rats and mice, also from peach borers and other insects. It is a protection against hot sun and blistering winds in summer and sun scald in winter.

This protector should be placed on the tree the day it is planted. Insist on getting one for every tree. 3¢ each; \$2.75 per 100; \$25.00 per 1000.



### ABOUT WARRANTY AND GUARANTEE ON NURSERY STOCK

We warrant stock true to name as labeled, to the extent only that if any should prove otherwise, we will replace free or refund purchase price; also we guarantee delivery in good and proper transplanting condition. Any claims for error, damage, or omission must be made immediately upon receipt of shipment, and proper adjustment will be made promptly. Responsibility rests with all customers to examine carefully upon arrival as we can assume no liability for failure to grow after nursery stock has been accepted and planted.

## Plant Small Fruit for Profit

Nothing in fruit growing at the present is attracting more attention than berry growing. Under suitable conditions as to soil, proximity to market or shipping point there is nothing more profitable. Our local markets, even in small towns, are never overstocked and will take everything offered at remunerative prices. Fill up those vacant spaces this year.

Make the soil mellow and plant the vines somewhat deeper than they stood in the nursery. Plant about eight feet apart, along the fence or building. For vineyard purposes make rows eight feet apart, six feet in rows. 908 plants per acre. For arbor plant four feet apart. Prune all plants to one cane, cut this back to two eyes at time of planting.

Prices except where noted, 2-year-old stock, each, 25¢; ten, \$1.75; fifty, \$5.50; hundred, \$10.00; thousand, \$95.00.

## Hardy American Varieties

**Agawam**—One of the best red varieties; large, pulp tender; sweet, August.

**Caco**—Fruit is large, juicy and delicious. Vines bear young and are very vigorous. 35¢ each; 5 for \$1.50; 10 for \$2.75.

**Campbell's Early**—Large, nearly round, often an inch or more in diameter; black with light purple bloom; skin thin; flavor rich and sweet.

**Catawba**—Red; well known as a wine grape. Bunches large and loose, berries large, of coppery-red color, becoming purplish when well ripened.

**Concord**—Well known, reliable, deep purple. An old standby. Most popular grape on the market.

**Niagara**—Light greenish white; semi-transparent, slightly ambered in the sun; skin thin, tough; sweet to center.

**Worden**—Black, handsome, compact bunch; ripens three weeks earlier than Concord.

## European Varieties

Must have winter protection or favored situation in Mountain States.

**Black Malvoice**—Berries large oblong, reddish black very juicy.

**Muscat**—Large, light, colored raisin and wine grape.

**Flame Tokay**—Large, sweet, red.

**Thompson's Seedless**—The well-known seedless raisin grape.

**Zinfandel**—Well known wine grape.

Prices—Any of above, each, 25¢; ten, \$1.75; fifty, \$5.50; hundred, \$10.00; thousand, \$95.00.

## Culture of Small Fruits

Bramble fruits like blackberries, raspberries, dewberries, etc., should have all old wood (older than the previous season's growth) cut out close to the ground each spring and the past season's growth should be trimmed back to 3 or 4 feet in height. All of the old canes should be removed and should be burned.

Mulching of currants and gooseberries will give good results. A strawberry bed should have a light mulch, after the ground has just frozen; and in the spring just about the time growth starts, this covering should be raked between the rows and cultivation resumed.

**RED STEER" Fertilizer will greatly hasten and increase production.** (See page 76.)

## Offer No. 82-A

### Home Orchard "Small Fruit" Collection

2 Currant, Fay's Prolific; 1 Gooseberry, P.-W.'s White Smith; 5 Cuthbert Raspberries; 1 P.-W.'s Colossus Raspberry; 1 Columbian Raspberry; 2 Youngberries, 1 Boysenberry; 1 Concord Grape.

Regular value \$3.05, all Postpaid for .....

**\$250**

## Offer No. 82-B

### Strawberry Special

Nearly every home yard affords room for some strawberries. This selection will give you fruit even this year and plenty for years following.

25 plants each of Marshall, Mastodon, and P.-W.'s Mammoth, (75 plants in all, Regular value \$1.75), all Postpaid for

**\$125**

# Small Fruit PLANTS and SHRUBS



Inset  
Natural Size

## Blackberries

Price—Each, 15c; 10, \$1.00; 50, \$4.50; 100, \$8.00; per 1000, \$70.00.

**Early Harvest**—Berries uniform, glossy black, very early.

**Mersereau**—Splendid, large, very productive, without core, sweet, rich flavor.

**Luertha Dewberries**—(Creeping Blackberry)—Fruit very large, superb quality.

## Currants

Currants should be planted in good, very fertile soil, with liberal manuring, and the tops should be cut back nearly to the crown, allowing only three or four canes to grow the first year. Prune more or less every year to get rid of old wood and keep the bushes open. Plant same as Gooseberry.

Price—Except where noted, large 2-year-old roots, each, 30c; 10, \$2.50; 50, \$8.00; 100, \$15.00.

**Fay's Prolific**—Fruit large, bright red and good flavor.

**Perfection**—Large, bright red; most popular new variety.

**Utah Black (Native)**—Black, rich, fine for jelly.

## Gooseberries

Price—2-year-old strong plants, each, 30c; 10, \$2.50; 100, \$15.00.

**Smith's Improved**—Light greenish red, good size, very productive.

**Oregon Champion**—Splendid new red, medium size, wonderful yielder.

**P.-W.'s New White Smith** The largest and finest in the list. Fruit very light green, almost white. Equally good for home or market. Each, 40c; ten, \$3.50.

## Loganberries

A hybrid between blackberry and raspberry. Fruit as large as largest blackberry and produces in large clusters. Each, 25c; 10, \$1.75; 50, \$7.00; 100, \$12.00.



New Latham Raspberries

## Universally Acclaimed the Finest Berry Yet

You will enjoy growing this marvelous fruit. Baskets fill up like magic. Certainly the largest and finest to date. A most delicious fruit, sweet, melting, luscious, unexcelled for jellies, jams and pies. A money-maker for the berry grower.



New Boysenberries

## The New Boysenberry

### The Greatest Vine Berry Yet Developed

This novelty was developed by Mr. Rudolph Boysen by crossing Loganberries, Raspberries, and Blackberries. When the Youngberry was introduced, we thought that was the last word, but this newcomer is as far ahead of the Youngberry as it was ahead of its predecessors. Here is a record of a grower last year, "From an acre of Boysenberries 11,500 lbs. were produced while the Youngberry produced for the same area, 7,000 lbs." The vines are more thrifty and of darker green color, while the fruit is very similar in appearance to the Youngberry. It has a distinctive luscious flavor of its own. You will agree with us when you try it that it is the finest berry you have ever tasted either fresh, canned in jams, jellies, or pies. For home garden, plant 6 ft apart each way. See cut. Price, 30c each, postpaid. Not prepaid, 25c each; 10 for \$2.25; \$20.00 per 100.

## P.-W.'s Colossus Everbearing Red Raspberry

This remarkable berry was developed by one of our local growers. It is without question the finest everbearing red raspberry to date. The plants are much larger than the St. Regis, sturdier and more vigorous in every respect. It is absolutely hardy and bears prolifically over a long period. Due to its rich brilliant color and remarkable size and flavor it will not only prove to be a delightful table berry, but it is perfect for canning and will be a money-maker for the commercial grower and a delightful new worthy type for the home garden. Price, 30c each; 3 for 75c postpaid. Not prepaid, 25c each; 10 for \$2.00; \$18.00 per 100.

## Raspberries, "Black Caps"

**Cumberland**—Healthy, vigorous, throwing up stout, stocky, well-branched canes; immensely productive of large, firm fruits. Mid-season.

Price—Each, 15c; 10, \$1.00; 50, \$3.50; 100, \$6.00.

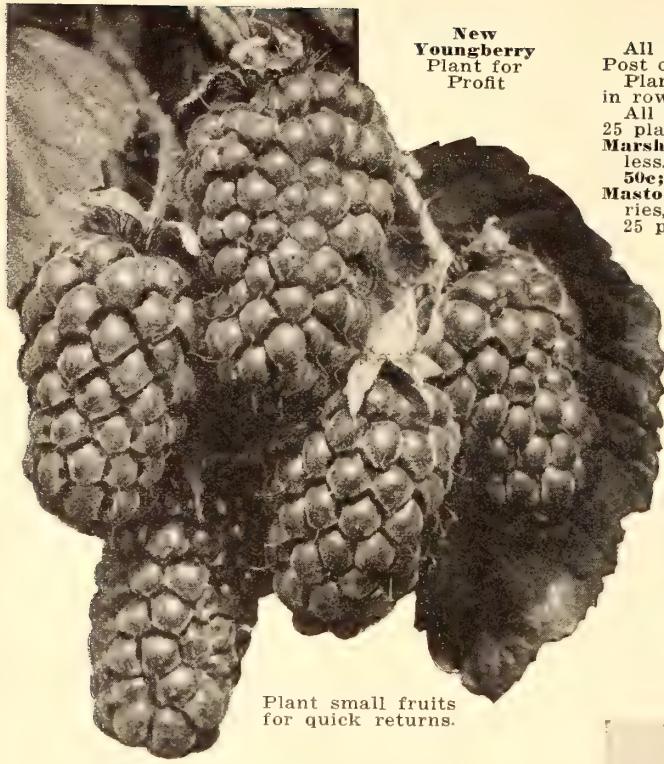
**Columbian** Very large somewhat conical; deep purple in color and borne in big clusters. Hybrid between Cuthbert and Cumberland "Black Caps." Grows much larger and more vigorously than any other "Black Cap." Price, 20c each; \$1.25 for 10; \$10.00 per 100, not prepaid.

## Raspberries, Red Varieties

**Cuthbert** One of the best large, dark reds; excellent flavor. Each, 15c; 10 for \$1.25; 50, \$3.00; 100, \$5.00; 1000, \$40.00.

**Latham** This remarkable and very desirable new variety is certified absolutely mosaic-free, and acceptable anywhere; berries are large and round, with profitable shipping firmness; color a brilliant red. Each, 20c; 10, \$1.25; 50, \$4.50; 100, \$7.50.

**St. Regis** Fruit commences to ripen with the earliest and continuing on young canes until October, many quarts often being picked after the first snow falls. Berries bright crimson, large size, rich, sugary with full raspberry flavor; flesh firm and meaty. Each, 20c; 10, \$1.25; 50, \$4.50; 100, \$7.50.



New  
Youngberry  
Plant for  
Profit

Plant small fruits  
for quick returns.

## New Youngberry

A cross between the Dewberry and Loganberry. Berries larger than loganberries, purplish black and similar to raspberries in flavor. Very vigorous grower, begins bearing at an early age. Hardy, good roots. Each, **15c**; 10, **\$1.25**; 100, **\$9.00**.

## Peaches (Standard Sorts)

Probably the finest of our fruits, everybody delights in the flavor of a fine juicy Peach. Should plant in light soils, does not succeed well in low, heavy situations. They should be planted 20 to 25 feet apart, requiring from 70 to 108 trees per acre. Prices according to grades as follows:

Height	Caliper	10 to	40 to	
Feet	Inches	Each	40 Ea.	100 Ea.
5 ft. up	12/16 up	<b>.75</b>	<b>.60</b>	<b>.50</b>
4 ft. up	9/16-11/16	<b>.55</b>	<b>.40</b>	<b>.35</b>
3 ft. up	7/16- 9/16	<b>.50</b>	<b>.35</b>	<b>.30</b>
2 ft. up	5/16- 7/16	<b>.40</b>	<b>.30</b>	<b>.25</b>

**Alexander**—Handsome, crimson. Ripens about July 4. Freestone.

**Crawford's Early**—Freestone. Fruit very large, oblong, yellow with fine red check. Flesh yellow, juicy and sweet. August.

**Crawford's Late**—Ripens September. Otherwise same as Crawford's Early.

**Greensboro**—Double the size of Alexander, ripening at the same time. Flesh white, juicy and good. July.

**J. H. Hale**—Large orange-yellow, considered by many superior to Elberta. Freestone.

**Orange Cling**—Very large; yellow with dark crimson cheek; flesh golden-yellow.

**Heath Cling**—Large oblong, creamy white, rich and luscious; valuable canning peach.

**May Flower**—The earliest peach on the market; red all over; flavor excellent. Freestone.

**Elberta**—A leading market variety, large, handsome bright yellow overspread with crimson; juicy, fine shipper. Freestone.

**Early Elberta**—About ten days earlier than regular Elberta, otherwise similar.

**Carman**—Color creamy white or pale yellow, with deep blush; freestone. August to September.

**Red Bird Cling**—The earliest of the large clingings. Color creamy-white, overspread with red.

**Tuscan Cling**—Large; yellow, heavy bearer and one of our best clingings; fine shipper. In great demand, being one of the first clingings to ripen.

## Strawberries

All strawberry plants will be sent either Parcel Post or Express, according to quantity.

Plant in rows 4 feet apart, plants 18 inches apart in row, requiring 7,260 plants to acre.

All our plants are put up uniformly in bunches, 25 plants each.

**Marshall**—As a large berry for home use it is peerless. The color is a rich, glossy crimson. 25 plants, **50c**; 100, **\$1.00**; 500, **\$2.75**; 1000, **\$5.00**.

**Mastodon Everbearing**—Large luscious deep red berries, juicy and sweet, from June until heavy frost. 25 plants, **50c**; 100, **\$1.25**; 500, **\$5.50**; 1000, **\$10.00**.

### P.-W.'s New Mammoth

**Mastodon** Everbearing Strawberry appeared it was thought to be the last word in size and yield.

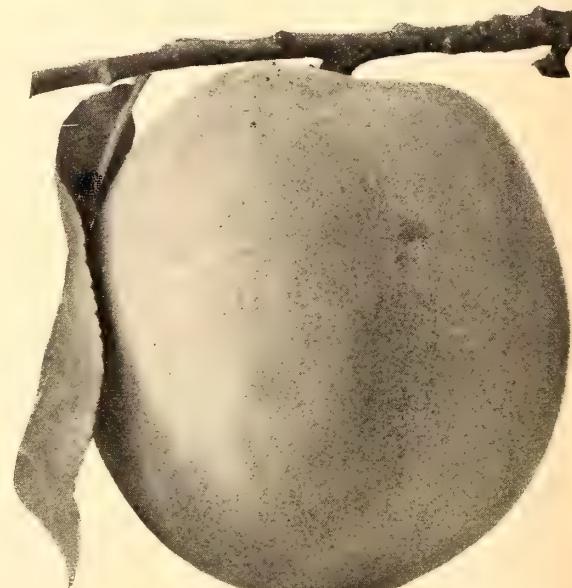
Comparative tests now show that P.-W.'s New Mammoth Everbearing Strawberry is its superior in size, color, flavor and yield. Particular advantages in this new strawberry are that the vines are more dwarf, the berries ripen evenly, easier harvested, larger in size and firmer in texture. First ripe berries appear about a week earlier than Mastodon and continue to bear until snow flies. Price: 25 plants, **75c**; 50, **\$1.25**; 100, **\$1.75**; 1000, **\$12.50**.

### New Washington

**The "Honey-Sweet"** Strawberry—Described by the introducer as the "biggest, sweetest, and most beautiful medium early Strawberry ever grown. Large berries, deep, dark, glossy red, juice like syrup, sweet as sugar. Ripens the same time as the Marshall, similar in shape, but superior in color and quality. 25 for **50c**; 100, **\$1.50**; 500, **\$4.50**; 1000, **\$8.00**.



New Washington Strawberry



J. H. Hale Peach

# P.-W.'s Peaches Plums & Prunes



Typical Italian Prune Tree at Harvest Time

## Peaches (New Varieties)

Prices as follows f.o.b. Salt Lake City:

	Height	Caliper	10 to 40 to	40 to
Home Orchard	4 ft. up	9/16-11/16	60c 45c	40c
Coml. Orchard	3 ft. up	7/16- 9/16	55c 40c	35c
Mail Size	2 ft. up	5/16- 7/16	50c 35c	30c

**Golden Jubilee**—Another new large yellow-fleshed freestone. Said to ripen 3 weeks before Elberta and to equal or exceed that variety as a market peach.

**June Elberta (Mikado)**—Elberta type, ripening two or more weeks before and superior in quality to that variety. Fruits large, attractive, blushed. Tree vigorous, hardy, productive.

**Rochester** It is the earliest yellow peach of quality, ripening about a month before Elberta. Fruit medium to large, mottled red, flesh tender, sweet, high quality, freestone. Buds harder than most yellow fleshed peaches. Ripens over a long season.

**Sunbeam**—Medium to large, yellow-fleshed, 4 weeks before Elberta; colors well, fruit firm; sweet and excellent quality. Tree harder than Elberta; said by originator to be semi-cling, but appears to be freestone at Davis County Experiment Station orchard.

**South Haven**—Early yellow-fleshed market peach. Fruit medium to large, deep yellow with red cheek, tree vigorous, productive, hardy. Two or three weeks before Elberta.

## Offer No. 85-A

Luscious Peaches All the Season Through

1 Rochester	1 Grensboro
1 Golden Jubilee	1 Elberta
1 South Haven	1 J. H. Hale
1 Alexander	1 Heath Cling

8 trees in all, selected "mail size", (regular value \$3.50, exclusive of postage), all postpaid for **\$300**

## Offer No. 85-B

All season collection of Plums and Prunes, consists of 1 mail size tree each of the following:

Formosa	Damson
Satsuma	Sapa
Santa Rosa	Italian Prune

(6 trees in all not including postage regular price \$2.70) postpaid **\$225**

## Plums — Prunes

The trees usually are planted about 20 feet apart, requiring 108 trees per acre. They thrive especially well in back yards, gardens and in chicken runs.

Height	Caliper	10 to	40 to
Feet	_inches	Each	100 Ea.
5 ft. up	12/16 up	\$ .80	\$ .65
4 ft. up	9/16-11/16	.60	.45
3 ft. up	7/16- 9/16	.50	.40
2 1/2 ft. up	5/16- 7/16	.45	.35

**Burbank**—Large, round, mottled red and yellow. July. **Bradshaw**—Very popular market variety. Large purple.

**Climax**—Japanese variety. Fruit large, heart shaped, cherry red; very attractive. Flesh juicy, sprightly, and delicious. Tree bears heavily at an early age; self-fertile. July.

**Damson**—Medium dark blue; flesh amber; good for preserving

**Formosa**—One of the best early Japanese plums. Fruit large and heart shaped, becoming cherry red as it ripens, and very attractive. Flesh sweet and of a delicious apricot flavor. Early July.

**Green Gage**—Fruit pale green, rich and juicy.

**HANSKA**—Large, dark reddish purple freestone plum, very fragrant, flesh is yellow and exquisite apricot-plum flavor. Very hardy.

**Jefferson**—Fine, large, early red.

**Opata**—Medium size, freestone, purplish red plum, flesh green of pleasing spicy flavor. Very heavy and young bearer and very hardy. July.

**Peach**—Very large; brown-red; flesh pale yellow. Ripens in early July.

**Pottawatamie**—Excellent small plum for preserving.

**Santa Rosa**—One of the leading shipping plums. Fruit of good size, purplish red, and very attractive. When fully ripe the flesh is reddish in color, juicy and delicious. Late July.

**Sapa**—Medium to large size, freestone, dark purple plum with purple flesh, full of rich juice of fine flavor. Ripens a few days after Opata. Very fine for canning. Generally bears next year after planting and bears very heavily. Does well everywhere.

**Satsuma** A fine, large plum; purplish-crimson; pit exceedingly small. Delicious flavor. July.

**Improved French Prune**—This much larger than the old well-known brown French and superior in every way. Fruit red and sweet.

**Italian-Fellemburg Prune** Large oval, dark purple; flesh greenish-yellow; separates freely from stone; best for drying on the market. August-September. Best commercial sort, "Italian" is on peach root; prices are same as peaches. See p. 84 for schedule.

"Mail" and "Commercial Orchard" sizes can be forwarded via Parcel Post where necessary, respective weights are indicated on page 82 so as to determine postage necessary.

# P.-W.'s Big Sweet CHERRIES



Typical Cherry Orchard in Full Bloom—Trees from P.-W. Co.

## About Cherries

Cherry trees are a real asset to any home. Big sweet luscious cherries, fresh from the tree, will be appreciated by the whole family. No fruit surpasses it and few approach it. They thrive best in well-drained soil on which the water does not stand close to the surface. Sweet Cherries develop larger trees than the sour, and should be planted at least thirty feet apart each way (49 trees per acre). The Bing and Lambert varieties require pollinizers and we recommend planting the Black Tartarian for this purpose. One tree will pollenate several and in commercial plantings approximately one to twenty should be planted well distributed.

Sour Cherries are smaller trees at maturity than the Sweet and should be planted about twenty feet apart each way requiring 108 trees per acre. They are adaptable to a much wider area than the Sweet Cherries and require no pollinizers. They can be easily grown in the upper valleys and colder sections of the intermountain states. They are widely used for culinary and canning and are popularly known as the "pie cherry."

## Sweet Cherries

**Bing Cherry** About one week ahead of Lambert. One of the best market cherries. Large deep dark red, nearly black. Meat firm, sweet, and exceedingly well flavored. Ripens in July in Salt Lake valley. Wonderful shipper.

**Lambert Cherry** This follows Bing in ripening and is fully equal to it both as a commercial and home variety. Fruit very large, heart shaped, firm flesh and a rich sweet flavor. It is less subject to frost injury in blossom time than any other of the sweet varieties. Ripens in July.

**Black Tartarian**—Large, purplish-black, sweet. Ripens first of July.

**NaPoleon**—Very large pale yellow, red cheek. June.

**Windsor**—Fruit large; heavy bearer; beautiful dark color, almost black.

## Sour Cherries

**Early Richmond**—Medium dark red; melting juicy.

**May Duke**—Fruit dark red; juicy and rich. June.

**Reine Hortense**—Sweeter and larger than May Duke. Color deep red. Ripens in August.

**Montmorency**—Improved. This strain produces much larger fruit than the old true Montmorency and has become the leading sour cherry for cold pack and canning; ripens late June to early July.

### PRICES ON ALL CHERRIES—BOTH SWEET AND SOUR

	Height Feet	Caliper Inches	Each	10 to 40 Ea.	40 to 100 Ea.
Extra Size	5 ft. up	12/16 up	\$ .75	\$ .60	\$ .50
Home Orchard	4 ft. up	9/16-11/16	.55	.40	.35
Coml. Orchard	3 ft. up	7/16- 9/16	.50	.35	.30
Mail Size	2 ft. up	5/16- 7/16	.40	.30	.25

### FOR PROTECTION AGAINST BIRDS

A few Russian Mulberry planted near an orchard of cherries often saves damage by birds eating the fruit; as birds prefer Mulberries to Cherries. See page 85.

See page 82  
about Tree  
Protectors, a  
very impor-  
tant insurance  
factor to the  
life of young  
trees.





CACO — Best Hardy Sweet Red Grape. 35c each; 5 for \$1.50, postpaid. (See page 82.)



ROCHESTER — The earliest yellow hardy peach of superior quality. Mail size, 45c each, postpaid. (See page 85.)



P.-W.'s COLOSSUS — The largest and sweetest Everbearing Raspberry. 30c each; 3 for 75c, postpaid. (See page 83.)



NEW BOYSEN BERRY — A marvel in size and flavor. 30c each, postpaid. (See page 83.)



LAMBERT — Handsome large Sweet Cherry. Mail size, 40c each, postpaid. (See p. 86.)



P.-W.'S NEW MAMMOTH EVERBEARING STRAWBERRY. 25 plants, 60c, postpaid. (See page 83.)

### P.-W.'s "Last Word" Fruit Collection No. 87

- 1 Rochester Peach
- 1 Lambert Cherry
- 1 Caco Grape
- 3 P.-W.'s Colossus Raspberries
- 3 New Boysen Berries
- 25 P.-W.'s New Mammoth Everbearing Strawberries.

(Regular Value  
\$3.45)  
Postpaid

**\$250**

# A NEW RACE OF RED APPLES

Blackjon  
Apple



## Following Purchase Agreement Required on All New Red Apples:

The Purchaser contracts not to give away or sell or permit any one else to give away or sell or take any of said trees or their progeny or scions, buds or cuttings from these trees or their progeny or any other above named trees or their progeny that may be furnished to the Purchaser in the future by Porter-Walton Co. for a period of twenty-five (25) years after any such trees are furnished, and in case of disposition of the property on which any above named apple trees are planted, to make this agreement a condition of the transfer.

**BLACKJON** This wonderful new strain of Jonathan is going to reach the early markets, in prime condition, well colored and Extra Fancy Grade. Jonathan is the first really good apple on the market in the fall. No apple — except Blackjon — has been found to take its place. Blackjon can be picked while "hard ripe"—consequently it will "hold up" much better and demand a higher price. (See below for prices.)

**Black-Mack** (Trade Mark Registered)—A beautiful early-coloring, solid deep red strain of McIntosh. Originated in Canadian Okanagan. Colors earlier, can be picked when in prime condition, which improves shipping and eating quality and eliminates loss from windfalls. (See below for prices.)

**Shotwell and Richared** Both a typical Delicious, but with beautiful, solid cherry-red color—color is attained early in the season. Better quality. Keeps and ships better, fast displacing common Delicious in commercial orchard plantings. The distinction between the "Shotwell" and Richared strains of Delicious is that Shotwell colors up earlier in the season and is a deeper shade of red. Both are identical in shape, size and flavor with original Red Delicious. Can furnish whichever one is desired. See below for prices and Back Cover for color illustration.

## Prices on New Red Apples

	Grade	Each	Dz.-lots	Each	25-lots	Each	50-lots	Each	100-lots
Prices on "Richared," Shotwell									
Delicious, Black-	4-6 ft.	\$1.00	\$ .90	\$ .75	\$ .60	\$ .50			
jon and Black-	3-4 ft.	.95	.85	.65	.55	.45			
Mack	2-3 ft.	.75	.65	.55	.45	.40			

97% of Blackjon Crop Colors Extra Fancy Grade  
While Common Jonathan Still Green Not Ready for  
Two Weeks

## LUSCIOUS PEARS

The cultivation of this noble fruit is extending as its value is appreciated. One important point in the management of the pear is to gather fruit in the proper time. Summer pears should be gathered at least ten days before they are ripe; and August pears at least a fortnight. Winter varieties may be left until there is danger of frost. Place in a dark room until fully matured. The pear succeeds on most soils, but probably does better on rather sandy loam.

**Bartlett** Fruit large, clear lemon yellow, highly flavored; very juicy. September.

**Beurre D'Anjou** Large, of vinous flavor; one of the leading late autumn varieties.

**Keiffer's Hybrid**—Rarely ever blights. Fruit of fine size, rich color and good quality. October and November.

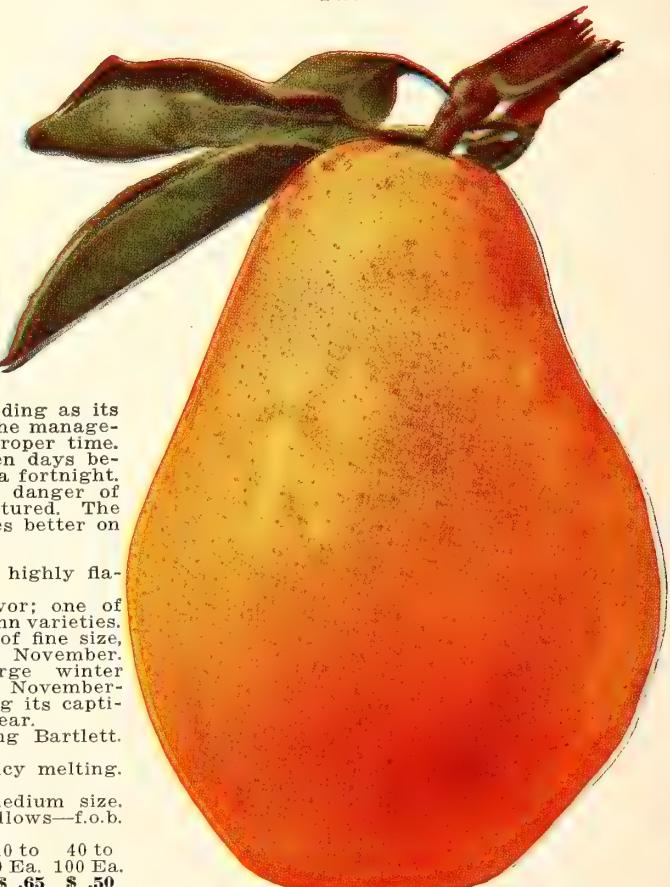
**Parrish Favorite** New, beautiful large winter pear, ripening in November-December. Will keep until spring, retaining its captivating flavor. Never blights. Best winter pear.

**Clapp's Favorite**—Summer pear, resembling Bartlett. Ripens in August.

**Seckel**—Small, yellowish-brown, tender, juicy melting. Ripens in September.

**Winter Nellis**—A good winter variety of medium size. Prices on all the above varieties are as follows—f.o.b. Salt Lake City:

	Height	Caliper	10 to	40 to
	Feet	Inches	40 Ea.	100 Ea.
Extra	5	12/16 up	\$ .80	\$ .65
Home Or.	4	9/16-11/16	.69	.45
Com.	3	7/16- 9/16	.50	.40
Mail	2 1/2	5/16- 7/16	.45	.35



Bartlett Pear

# P.-W.'s APPLES and APRICOTS

## Apples

"The King of Fruits"—"An Apple a Day Keeps the Doctor Away"

It has few rivals among cultivated fruits. Its mild and pleasant acid is a panacea for many of the ills that the human race is heir to. No fruit can be more pleasant to the palate or more beautiful to the eye than the rich, ripe apple when plucked from the tree or more luscious and beautiful when cooked.

The grades and prices on all varieties except "New Red Types" are as follows, f.o.b. Salt Lake City:

(Standard Varieties)

Height	Caliper	10 to	40 to	
Feet	Inches	Each	40 Ea.	100 Ea.
6 ft. up	12/16 up	\$ .80	\$ .65	\$ .55
4 ft. up	9/16-11/16	.60	.45	.40
3 1/2 ft. up	7/16- 9/16	.50	.40	.35
2 1/2 ft. up	5/16- 7/16	.45	.35	.30

## Autumn Varieties

**Gravenstein**—Yellow red striped, very large. Ripens in September.

**Malden's Blush**—Medium size, pale yellow with beautiful red cheek.

**Sweet Bough**—Fruit large, pale yellow flushed red—Sweet flavor, ripens August, September.

**Twenty Oz. Pippin**—Large yellow and striped. Good cooking apple.

**Wealthy**—Dark red, sub-acid. Trees bear very young.

## Summer Varieties

**Early Harvest**—Medium size, nearly round, pale yellow, July and August.

**Red Astrachan**—Fruit large, beautiful deep crimson yellow. Ripens July and August.

**Red June**—Medium size, oblong, red, flesh white and juicy, sub-acid. Ripens in July.

**Strawberry**—Medium size, oblong fruit. Deep red, lighter speckled; sub-acid, juicy. Excellent. Ripens July.

**Yellow Transparent**—One of the earliest, pale yellow when ripe; good quality. Succeeds well in cold climates. Ripens in July.

## Winter Varieties

**Red Delicious**—Large, handsome winter apple, delightful flavor, ripens late fall.

**Golden Russet**—Good medium sized early winter apple. Russet brown turning golden-yellow when ripe. Excellent flavor.

**Grimes Golden Pippin**—Rich, golden-yellow; flesh tender, juicy and rich, November to December.

**Jonathan**—Probably the best apple in regard to flavor and quality ever grown in America. Deep red.

**Rhode Island Greening**—Large greenish-yellow.

**Red Rome Beauty**—Fruit large, yellow with red; good quality and long keeper.

**Wine Sap**—Smooth, greenish-yellow, splashed and striped with red and purple.

**Winter Pearmin**—Pale yellow; flesh yellow, juicy, tender.

**Winter Banana**—Fresh golden-yellow; fine grained and juicy.

(See page 88 for New Red Apples)

## Crab Apples

These miniature apples are highly esteemed for making jelly; extremely prolific bearers. Every Home Orchard should have at least one or more trees.

**Siberian**—Beautiful red. September.

Prices on Crab Apples are same as other varieties

—See above schedule.

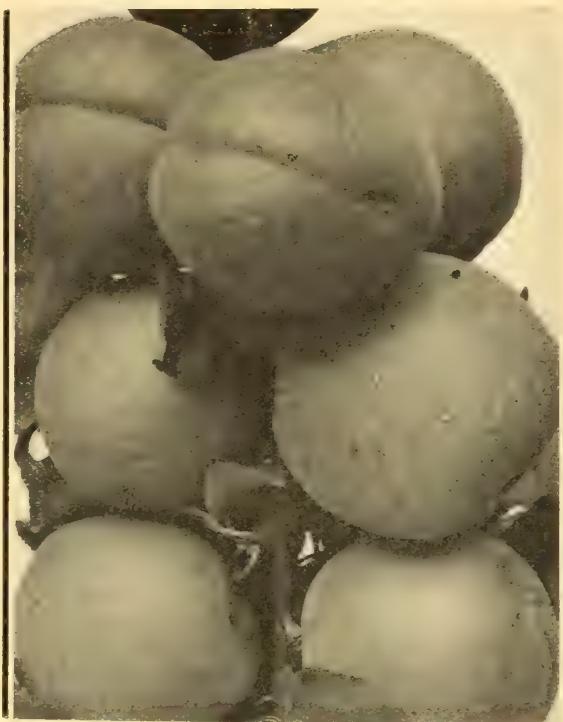
## P.-W.'s Special Bargain Collection No. 89

### 20 VIGOROUS FRUIT TREES

A well selected fruit assortment containing eight different fruits—all of which should be on every home place that has room for them. Our selection of 2 Apricots, 3 Apples, 5 Peaches, 3 Pears, 2 Plums, 1 Prune, 3 Sweet Cherries and 1 Sour Cherry—\$750 specially priced while they last. Delivered to your railway station for

"Mail" and "Commercial Orchard" sizes can be forwarded via Parcel Post where necessary, respective weights are indicated on page 82 so as to determine postage necessary.

Porter-Walton Co.—Seed and Nursery Specialists—Salt Lake City, Utah



P.-W.'s Chinese Apricots

## Apricots

For canning, evaporating and drying purposes, as well as for use in the fresh state, the fruit can hardly be excelled. Plant trees 20 to 25 ft. apart each way.

Height	Caliper	10 to	40 to	
Feet	Inches	Each	40 Ea.	100 Ea.
5 feet up	12/16 up	\$ .75	\$ .60	\$ .50
4 feet up	9/16-11/16	.55	.40	.35
3 feet up	7/16- 9/16	.50	.35	.30
2 feet up	5/16- 7/16	.40	.30	.25

**Colorado**—Fruit very large and of excellent color. Flesh bright orange, tender, mild, very juicy.

**P.-W.'s Chinese**—Large, round, deep yellow. Late June.

**Jones**—Similar in most every respect to P.-W.'s Chinese highly prized locally.

**Moorpark**—Very large, yellowish-green; best variety for no colder sections than Salt Lake. Late June.

## Nectarines

The Nectarine has a smooth skin like the plum. It is like the peach in other ways and requires the same culture. Its pungent, sprightly flavor is reminiscent of both, but with an added deliciousness all its own. Set trees 16 to 18 feet apart.

**Boston**—Bright yellow, red cheek; flesh yellow, free-stone, fine flavor, 4-6 ft., each, 90c; \$8.50 per 10. 2-3 ft., each, 70c; \$6.00 per 10.

## Nut Trees

**Almonds, IXL (Soft Shell)**—Nut very large, soft-shelled and smooth. Kernel large and plump. The best variety for planting in this section. 4-6 ft., each, 90c; \$8.50 per 10; \$75.00 per 100. 3-4 ft., 75c; \$7.00 per 10; \$60.00 per 100.

**English Walnuts**—4-6 ft., \$1.75 each; 6-8 ft., \$2.25 each; 8-10 ft., \$2.75 each.

## Quince

**Orange Quince**—Large; roundish, with short neck; beautiful bright golden yellow; an old favorite for making jelly. 7-16—9-16 Caliper, \$1.00 each.

# PLANS TO BEAUTIFY

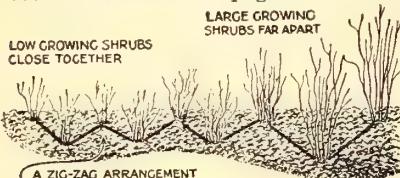
## P.-W.'s Ornamental TREES and SHRUBS for Every Purpose

Neither the city nor the home is attractive unless softened by the foliage and branches of trees. They shelter the home from excessive heat and dust, add charm to the finest buildings and hide the untidy and unsightly places. There is an untiring loveliness as they continually change. At the first breath of spring, the swelling buds open into dainty flowers, often inconspicuous, but none the less beautiful. Then follow the delicate tints of expanding leaves that deepen into the richness of mid-summer green. The chill of autumn brings new beauty into the myriad of gorgeous hues that come almost overnight.

### HOW TO PLANT TREES AND SHRUBS

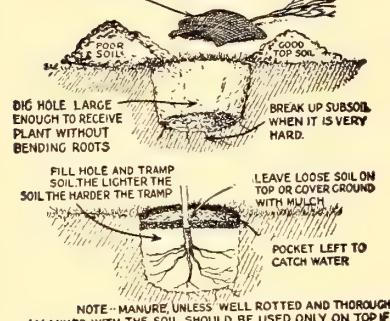
Do not let the roots become dry. Keep them covered at all times with damp sacks or something similar.

Cut off broken or bruised roots just above place of injury. Shorten any roots that are overlong with a sharp knife or sharp pruning shears. See below and next page.



A ZIG-ZAG ARRANGEMENT IS BEST

ALWAYS KEEP ROOTS COVERED



Elders  
Dogwoods  
Tamarix

Snowberry  
Weigela  
Honeysuckle

False Spirea  
Coral Berry  
Calycanthus

Nannyberry  
Chokeberry  
Hypericum

## Useful Information on Shrubs

### Shrubs for Shady Places

Altheas  
Buddleia

Bush Honeysuckle  
Hydrangea P.-G.

Rosa Rugosa  
Japan Barberry

Lilacs  
Japan Quince

Privet  
Spirea

### Shrubs for Hedges

## Outdoor Living Room Collections

### Offer No. 90A

Contains 147 vigorous shrubs and trees of the smaller sizes listed in the catalog. (Regular prepaid value, \$48.00.) All prepaid to your express station or postoffice for

**\$40.00**

### Offer No. 90B

This is made up of precisely the same number of shrubs as No. 90A but are the largest size listed in our catalog and would be too large to mail. (Regular value f.o.b. Salt Lake City is \$70.50.) All for

**\$60.00**

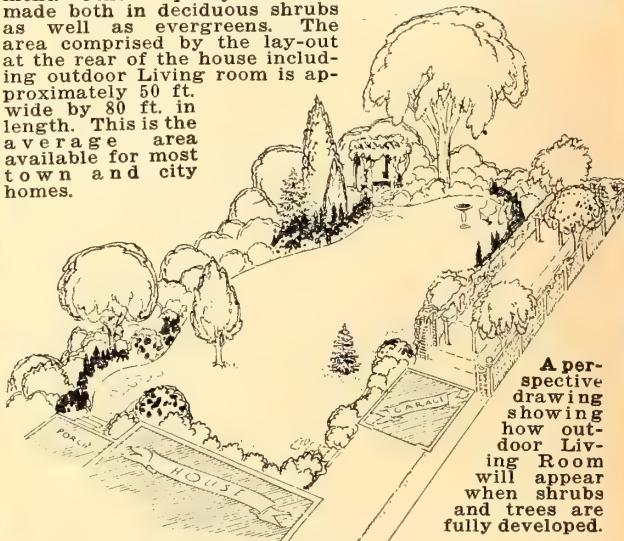
Net Prepaid

HOW TO  
PLANT  
BOOKLET  
Sent  
Free  
with  
Each  
Order

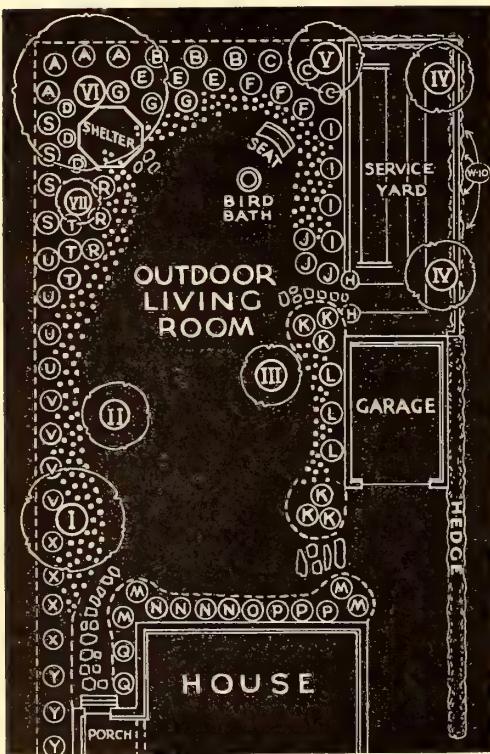
Key	VARIETY	No.	Key	VARIETY	No.
I	Dble. Fl. Cherry	1	J	Potentilla Fruticosa	3
II	Betchels Fl. Crab	1	K	Red Leaved Barberry	6
III	Euonymus American	1	L	Persian Lilac	3
IV	Redbud ( <i>Cercis Canadensis</i> )	2	M	Spirea Froebeli	4
V	Purple Leaf Plum	1	N	Cotoneaster Acutifolia	4
VI	Willow Matsudana	1	O	Butterfly Bush	1
VII	Russian Olive	1	P	Golden Bell	3
A	Sumac <i>Typhina</i>	4	Q	Spirea Thunbergii	2
B	Bush Honeysuckle	3	R	Coralberry	3
C	Tamarax <i>Hispida</i>	3	S	Tamarax <i>Gallica</i>	4
D	Ninebark Tall	4	T	Aronia Chokeberry	3
E	Spirea Van Houtte	3	U	Shining Sumac	4
F	Snowberry, White	3	V	Mock Or'ge Everbl'n'g	4
G	Chenaulti	3	W	Paul's Scarlet Rose	10
H	Silver Lace Vines	2	X	Korean Spirea	4
I	Symp's Mock Orange	4	Y	Cydonia Japonica	3
			Z	Hedge—Privet	50

Area indicated by dots can well be used for annuals or perennials of your choice for color.

On the left is shown the suggestive placement of the materials listed above. The "key" is indicated so it can be intelligently followed and used as a guide in arrangement. Other equally attractive combinations can be made both in deciduous shrubs as well as evergreens. The area comprised by the lay-out at the rear of the house including outdoor Living room is approximately 50 ft. wide by 80 ft. in length. This is the average area available for most town and city homes.



A perspective drawing showing how outdoor Living Room will appear when shrubs and trees are fully developed.



# THE HOME GROUNDS

## How to Plant Evergreens

(1) Dig hole a foot larger and deeper than ball of earth. Provide good, loamy soil to fill around ball.



## Trees for Lawn or Yard

Crab Double Flowering  
Catalpa Bungei  
Cut-Leaved Birch  
Camperdown Elm  
Evergreens

Mountain Ash  
Flowering Peach  
Mulberry Weeping  
Willow Weeping  
Flowering Cherries

## Shrubs Having Attractive Berries

Coral Berry  
Chokeberry  
Elders  
Barberry

Honeysuckles  
Snowberries  
Cranberry High B.  
Cotoneaster

Japan Quince  
Mahonia  
Pyracantha  
Rhodotypos

## Trees Suitable for Street Planting

Allanthus  
Ash—Green, Blue  
Box Elder  
Catalpa—Speciosa  
Elm—Moline, English,  
Chinese  
Horse Chestnut  
Locust

Linden—American, European  
Mountain Ash  
Maple—Norway, Silver,  
Sugar, Sycamore,  
Schwedlerii  
Oriental Plane  
Poplar—Carolina, Bolleana  
Sycamore—American

## Trees with Colored Foliage

Maple Schwedlerii—(Purplish foliage)  
Prunus Pissardi—Bliriana, Newport  
Poplar Bolleana—(Silvery underneath leaves)

## Hardy Climbers for Special Situations

Climbers for Shady Places—Celastrus Bittersweet, Apos Tuberosa, Honeysuckle, English Ivy, Euonymus, Boston Ivy.

Climbers for Hot, Sunny Situations and Southern Aspect—Bignonia Radicans, Clematis, Paniculata, Honey-suckle, Roses, Kudzu.

Climbers for North Aspects—Ampelopsis Veitchii (Boston Ivy) English Ivy, Euonymus.

Climbers for Eastern or Western Aspects—Ampelopsis Engelmanni, Cinnamon Vine, Matrimony Vine, Climbing Roses, Clematis, Wisteria.

## Shrubs for Wet Places

Barberry	Dogwoods	Spirea	Hypericum	Privet
Deutzias	Coral Berry	Weigela	Mahonia Aquifolia	Snowberry

Allanthus	Flowering Plums	Cherries	Laburnum
Horse Chestnut	Locust	Linden	Flowering Peach
Flowering Crabs	Magnolia	Catalpa Speciosa	

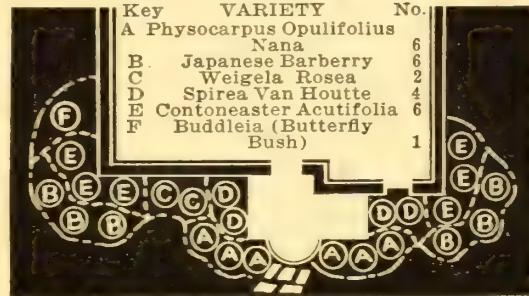
## Evergreen Trees and Shrubs

Arbor Vitae	Junipers	Spruces	Cotoneaster	Pyracantha
Box Woods	Pines	Euonymus	Mahonia	

## Front of House Collection No. 91A

This is made up of 25 vigorous field-grown shrubs of the smaller sizes listed in our catalog in the varieties indicated in the plan below. (Value prepaid, \$8.25.) All for

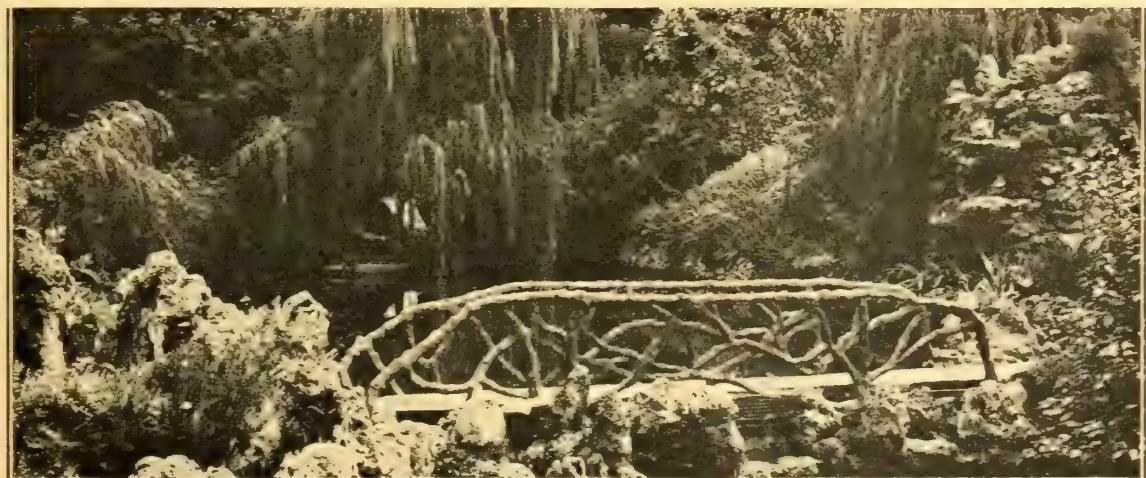
**\$7.00.**



## Front of House Collection No. 91B

This contains 30 shrubs of the varieties indicated in the plan below of the smaller sizes listed in our catalog. (Regular prepaid value, \$9.90.) All prepaid for

**\$7.50.**



The above snapshot shows a glimpse of the attractive home grounds of one of our Salt Lake City customers. By the judicious use of trees and shrubs a veritable wonderland of beauty has been created. To a greater or less degree your own grounds have similar possibilities.

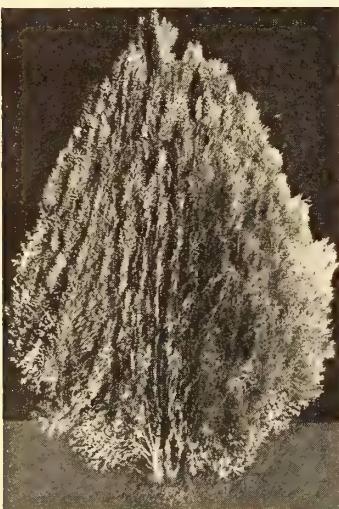
# P-W's Hardy Evergreen



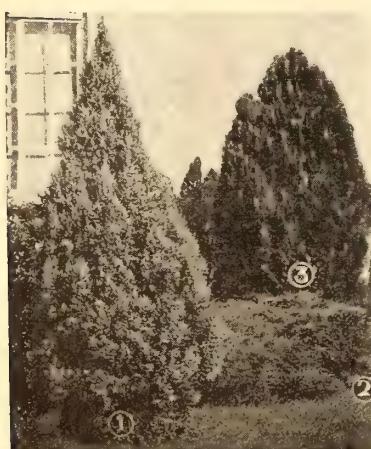
Sabina Tamariscifolia



Koster Blue Spruce



Thuja Berkman's Golden



1—*Virginiana*

2—*Pfitzer*

3—*Oriental Thuya*

All Evergreens are quoted f.o.b. Salt Lake City. See page 96 for quantity price schedule. We advise Freight or Express. Most sizes are too large and heavy for Parcel Post shipment.

**Chinese Pyramidalis Blue** (Column Juniper)—Very hardy and retain desirable blue color effect during the winter; growth resembles the well known Italian Cypress. 15-18 in., \$2.25; 18-24 in., \$2.75; 30-36 in., \$3.75; 3-4 ft., \$4.50; 4-5 ft., \$5.25; 5-6 ft., \$6.00; 6-7 ft., \$9.00.

**Communis Depressa** (Prostrate Juniper)—The well known, valuable, many-stemmed Dwarf Juniper. Rarely exceeds 2 feet in height; good for ground cover. 12-15 in., \$1.50; 15-18 in., \$2.00; 18-24 in., \$2.50; 24-30 in., \$3.50; 30-36 in., \$4.00.

**Keteleeri (Juniper)**—Tall compact; similar to *Scopulorum*, having a strong central stem. Retains its shape well in regions where there is heavy snowfall. Very vigorous and hardy. 3-4 ft., \$5.00; 4-5 ft., \$7.00; 5-6 ft., \$9.00; 6-8 ft., \$10.50. **Pfitzer Juniper** (*J. chinensis* *Pfitzeriana*)—Handsome semi-dwarf creeping junipers. 12-15 in., \$1.50; 15-18 in., \$2.00; 18-24 in., spread, \$3.00; 24-30 in., \$3.50; 30-36 in., \$4.00; 3-4 ft., \$5.00.

**Sargentii Blue** (Sargent Juniper)—Forms a low dense mat of spreading branches covered with small dark blue scale-like leaves, mixed with pointed ones. 12-15 in., \$2.00; 18-24 in., \$3.00.

**Sabina (Savin Juniper)**—A semi-erect, bushy plant; useful for grouping and foundation planting. Foliage an even shade of medium green. 12-15 in., \$1.00; 18-24 in., \$2.50; 24-30 in., \$3.00; 30-36 in., \$3.50.

**Engelmanni**—Makes fine symmetrical specimens. Undersides of leaves light blue. 1½-2 ft., \$3.00; 2-2½ ft., \$5.00.

**Black Hills Spruce**—Very compact and symmetrical in all stages of growth. Extremely hardy, color of foliage bright green to bluish tints. 1½-2 ft., \$3.00; 2-2½ ft., \$4.00; 2½-3 ft., \$5.00; 3-4 ft., \$6.00 each.

**Koster's Blue**—The aristocrat of the evergreen family, by far the shapeliest spruce, and the truest, most persistent blue in color of any known tree. Formerly imported from Europe, but now again in American propagation. 18-24 in., \$5.00; 2½-3 ft., \$10.00; 3-3½ ft., \$14.00 each.

## Pine (Pinus)

**Austrian Pine**—The leaves are two in a sheath, straight and slender, from 4 to 5 inches long, of a deep, rich green color. Coal, gas and smoky atmosphere have no effect on its growth. 18-24 in., \$2.50; 3-4 ft., \$5.00 each.

**Mugho (Dwarf Pine)**—Leaves short, stiff and formal, thickly distributed in tufts over the branches; globular form. 12-15 in., \$2.00; 15-18 in., \$3.00; 18-24 in., \$4.00; 24-30 in., \$5.00.

## Taxus (Yew)

**Cuspidata Brevifolia** (Dwarf Japanese Yew)—Short richly dark green leaves. Very dense bushy habit, close set, slow growing, and hardy. 15-18 in., \$3.75 each.

**Cuspidata Capitata** (Upright Japanese Yew)—Upright yew of moderate bushy growth, spreading branches densely clothed with short leaves of dull green. 18-24 in., \$4.00 each.

## Juniper (Juniperus)

**Scopulorum** (Colorado Juniper)—Narrow, compact and symmetrical. One single stem, in contrast to some varieties of Junipers with several; safe from heavy snows and wind; remains a good healthy color throughout the year. It is a tree that thrives in dry weather. 24-30 in., \$3.25; 30-36 in., \$3.75; 3-4 ft., \$5.00; 4-5 ft., \$7.00; 5-6 ft., \$9.00; 6-7 ft., \$10.50.

**Sabina Tamariscifolia** (Tamarix Savin Juniper)—Foliage fine texture. Average height is one foot, with a spread of 6 to 8 feet, forming a perfect mat of bluish or gray-green. 18-24 in. spread, \$2.75; 24-30 in., \$3.75; 30-36 in., \$4.50.

**Virginiana Glauca** (Silver Red Cedar)—An upright tree of compact growth, columnar form and blue, cypress-like foliage. 3-4 ft., \$5.50; 5-6 ft., \$9.00.

**Virginiana Cannartii** (Cannart Red-cedar)—The leading form of Red-cedar, having deep rich green, heavily tufted foliage. It makes a pyramidal specimen of middle size, reaching 15 to 20 feet. It can be readily trimmed and thus maintained at any size wanted. 4-5 ft., \$6.00 ea.; 5-6 ft., \$8.00 ea.

**Spiny Greek Juniper** (*J. excelsa* *stricta*)—Tall, dense, narrow, conical head; fine glaucous color. Well adapted for foundation plantings where small or dwarf trees are required. 12-15 in., \$1.50; 18-24 in., \$2.50; 24-30 in., \$3.50; 30-36 in., \$4.00.

**Norway**—A lofty, noble tree. Very popular. Effective in groups or for hedges and wind breaks. Foliage is rich, dark green and this variety is most commonly used for Christmas trees. 1½-2 ft., \$2.00 each; 2½-3 ft., \$3.50 each; 3-4 ft., \$5.00.

**Colorado Blue Spruce** (*Picea Pungens* *Glauca*)—It is the rarest blue of any evergreen; fine compact habit. 12-15 in., \$3.00; 15-18 in., \$3.75; 1½-2 ft., \$4.50; 2-2½ ft., \$6.00; 2½-3 ft., \$7.00; 3-4 ft., \$8.00 each.

**Colorado Spruce** (*Picea Pungens*)—Similar to above except foliage is light green. 12-15 in., \$2.00; 1½-2 ft., \$3.00; 2-2½ ft., \$5.00; 2½-3 ft., \$6.00; 3-4 ft., \$7.00.

## Fir (Abies)

**White Fir** (*Abies Concolor*)—Forms a compact, symmetrical tree. Needles are grayish-blue which contrast to the usual characteristics of firs. 12-15 in., \$3.00; 15-18 in., \$3.50; 18-24 in., \$4.00; 2-3 ft., \$5.00.



Berberis Wilsoniae

# TREES and SHRUBS

## Thuya (Arbor-Vitae)

**Thuya Beverleyensis** (Golden Ting-ed Column Arbor-Vitae)—15 to 20 ft. The tallest and stateliest of Arborvitae, growing into a narrow pyramidal column of golden green foliage. 12-15 in., \$1.00; 15-18 in., \$1.50; 18-24 in., \$2.00; 24-30 in., \$2.50; 30-36 in., \$3.00; 3-4 ft., \$3.50; 4-5 ft., \$4.50; 5-6 ft., \$5.50; 6-7 ft., \$7.00; 8-9 ft., \$10.00.

**Thuya Elegantissima** (Gold Tip Arbor-Vitae) Of compact pyramidal habit. Dense foliage gilded all over in early spring with new shoots of bright yellow, 4-5 ft., \$5.50; 6-7 ft., \$8.00 ea.

**Thuya Globosa** (Globe Arbor-Vitae) — Forms a dense low globe; handsome shade of green. Diameter 12-15 in., \$2.50; 15-18 in., \$3.00; 18-24 in., \$3.50.

**Thuya Meldensis** — Pyramidal in shape and of dense growth; foliage a deep shade of green. Dwarf habit. 12-15 in., \$1.50; 15-18 in., \$1.75; 18-24 in., \$2.25; 24-30 in., \$3.00; 30-36 in., \$4.00.

## Berberis (Barberry)

**Mentor Barberry** (Berberis Mentor-sis). U. S. Patent No. 99. A new hardy evergreen barberry that is most interesting and outstanding. It is extremely hardy, having been exposed to temperatures of 30 degrees below zero without a loss, and it will grow in all kinds of soil and under all conditions. An ideal shrub for low hedges or foundation plantings. (See cut). 15-18 in., 60c ea.; 3 for \$1.50; 12 for \$4.75; \$35.00 per 100.

## Cotoneaster

**Prostrata Horizontalis** — Low, flat spreading, bright glossy green, very attractive. Covered in April with masses of tiny pink flowers and in the fall with minute, brilliant scarlet berries and foliage. 12-15 in., \$1.50; 18-24 in., \$2.00; 2-3 ft., \$3.00.

## Boxwood

**Semperfirrens** — For a low permanent hedge, nothing could be better because the growth is slow and therefore little pruning is required. 10-12 in., \$1.00. Sheared specimens, 24-28 in., \$4.00; 28-32 in., \$5.00.

## Euonymus

**Japanese Green and Golden Variegated** — These are upright shrubs of moderate size, rather compact growth. Foliage is green, or green with yellow center depending on variety ordered. Bush form either type. 15-18 in., \$1.00; 3-4 ft., \$3.50; 4-5 ft., \$5.00

## Mahonia

**Aquifolia** (Oregon Grape or Holly-leaved Ashberry) — A beautiful evergreen shrub with smooth, shining holly leaves; bright yellow flower clusters in May, and blue berries. The leaf color varies capriciously throughout the year, assuming all shades of green, with flecks of red and bronze. 15-18 in., \$1.25; 18-24 in., \$2.00; 2-3 ft., \$2.75.

**Ilicifolia** — This attractive shrub grows from six to eight feet at maturity. The foliage is dark green, leaves rather large, coarsely spiny-toothed. Flowers orange-yellow. 18-24 in., \$2.25.

**Thuya Orientalis Aurea Nana** (Berckman's Dwarf Evergolden Arbor-Vitae) — The most wanted Arborvitae. Very dwarf golden tipped oval shape. Always shape-ly and beautiful. 10-12 in., \$1.25; 12-15 in., \$1.50; 15-18 in., \$1.75; 18-24 in., \$2.25; 24-30 in., \$3.00; 30-36 in., \$4.00; 36-40 in., \$5.00.

**Thuya Orientalis Pyramidalis** (Chinese Arbor-Vitae) — Comparatively low, broadly pyramidal tree. Color yellowish-green. 15-18 in., \$1.50; 18-24 in., \$2.00; 2-3 ft., \$3.50; 3-4 ft., \$4.00; 4-5 ft., \$5.00; 5-6 ft., \$6.00; 6-7 ft., \$8.00.

**Thuya Pyramidalis Occidentalis** (Pyramidal Arbor-Vitae) — Compact and erect. Foliage a deep green, retaining color. 15-18 in., \$2.00; 18-24 in., \$2.50; 24-30 in., \$3.00; 30-36 in., \$4.00; 3-4 ft., \$5.00; 4-5 ft., \$6.00; 6-7 ft., \$8.00.

**Thuya Occidentalis Wareana** (Si-berian Arbor-Vitae) Superb hardy variety. Heavy dense foliage; compact habit, bears trimming well. Bluish-green foliage. 5-6 ft., \$7.00 ea.



Berberis Mentorensis

Mentor Barberry (U. S. Patent No. 99)



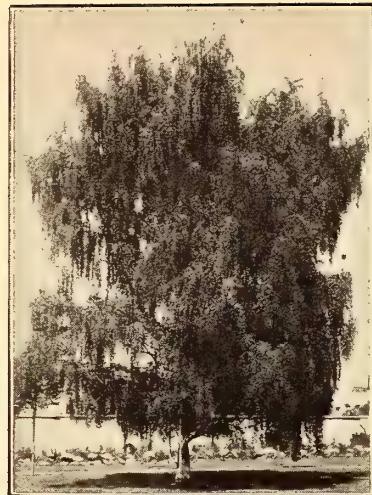
Mahonia Aquifolia

Sample of 18-inch plant from our Nursery



Thuya Beverleyensis

# P-W's Hardy Ornamental Ash (Fraxinus)



Cut-Leaved Weeping Birch

**American White** (*Fraxinus Americana*) — A rapid growing native tree of fine symmetrical outline. Price—4-6 ft., 50c each; 6-8 ft., \$1.00 each; 8-10 ft., \$1.50 each.

**Blue Ash** (*Fraxinus Quadrangulata*) — Very shapely symmetrical tree for Park or Avenue. Bark smooth of deep bluish green, leaves larger than other varieties of Ash, deep green, changing in autumn to reddish purple, 6-8 ft., \$1.50; 8-10 ft., \$2.00; 10-12 ft., \$2.50.

## Birch (Betula)

**Cut Leaved Weeping Birch** (*Betula alba pendula laciniata*) — Very beautiful form of European White Birch. The main trunk, with snow-white bark, grows straight as an arrow. Branches spread but slightly, while the fine slender shoots hang vertically. The foliage is fine and deeply cut. Many consider this the most beautiful deciduous tree in cultivation. 6-8 ft., \$2.00; 8-10 ft., \$2.50; 10-12 ft., \$3.00.

**Green Ash** (*Fraxinus Lanceolata*) — Shapely round top with dark green foliage. Price—3-4 ft., 75c; 4-6 ft., \$1.00 each; 6-8 ft., \$1.25 each; 8-10 ft., \$1.50 each.

**European Mountain Ash** (*Sorbus Aucuparia*) (Rowan Tree) — Flowers white, in flat clusters, four to five inches broad, followed by rather large, red berries. Very handsome at any season. 4-6 ft., \$1.00; 6-8 ft., \$1.25 each; 8-10 ft., \$1.75 ea.; 10-12 ft., \$2.25 ea.

**Pyramidal Birch** — This is a new development. The tree assumes a pyramidal form naturally; very effective in a landscape, requires no pruning. 6-8 ft., \$2.25.

**European White Birch** (*Betula Alba*) — Of which Coleridge says: "Most beautiful of forest trees, the lady of the woods." Tall, upright, distinctive white bark. 6-8 ft., \$1.25; 8-10 ft., \$1.75 each.

## Ailanthus (Tree of Heaven)

**Grandulosa** — A rapid growing, lofty tree, long, elegant foliage. Exempt from disease and insects. 4-6 ft., 90c each; 6-8 ft., \$1.00 each; 8-10 ft., \$1.50 each.

## Box Elder

**Ash-Leaved Maple** (*Acer Negundo*) — A fine, rapid-growing avenue tree, withstands both cold and drouth; thrives where other trees fail. 4-6 ft., 50c; 6-8 ft., 75c; 8-10 ft., \$1.00; 10-12 ft., \$1.50 each.

## Catalpa

**Bungei** (Umbrella Tree) — Beautiful globe-shaped tops being grafted high on clean, straight stems; valuable for landscape designing, especially for formal effects. One year head, \$2.00; 2-year-old heads, \$2.50; 3-year-old heads, \$3.00.

**Speciosa** (Western Catalpa) — Rapid grower producing large panicles of fragrant flowers, delicately marked with violet and yellow. 4-6 ft., 50c; 6-8 ft., \$1.00; 8-10 ft., \$1.25; 10-12 ft., \$2.00 each.

## Cercis (Redbud)

**Canadensis** — Striking ornamental trees loaded with a mass of pea-shaped pink blossoms in early spring, before the leaves appear. 4-6 ft., \$1.50; 6-8 ft., \$2.00 each.



At left—European Mountain Ash

At right—Green Ash

## Flowering Cherries

**Double Cherry** (*Prunus Florenpleno*) — A charming small tree with branches completely covered with a mass of large double flowers in May. Either Pink or White. 3-4 ft., \$1.00; 4-6 ft., \$1.75.

**Japanese Weeping Cherry** — Famous flowering cherries of Japan. Beautiful specimens, blooming in profuse panicles, 5 ft., Standards, \$4.00 each.

## Flowering Crabs

**Atrosanguinea** (Carmine C.) — Brilliant carmine red, single. 2-3 ft., 75c; 3-4 ft., \$1.00.

**Niedzwetzkyana** (Redvein C.) — Large deep pink flowers; red bark, leaves and fruit. 2-3 ft., 75c; 3-4 ft., \$1.00.

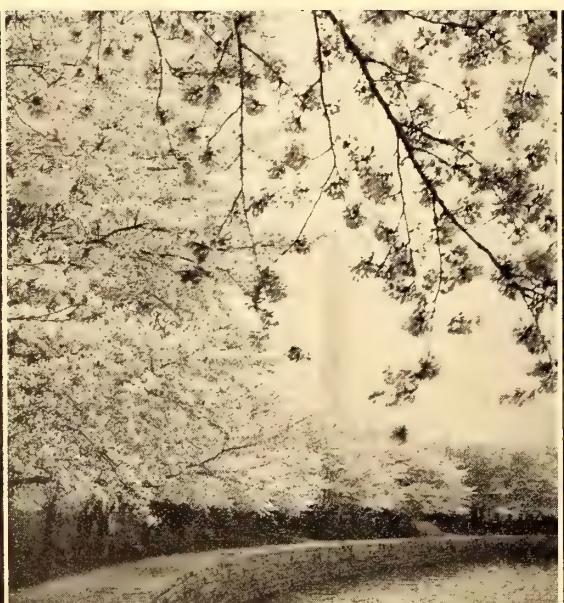
**Scheideckeri** (Scheideckeri C.) — Large deep pink flowers; yellow fruit. 2-3 ft., 75c; 3-4 ft., \$1.00.

**Bechtels Double Flowering** — Hardy, of medium size, covered in early spring with large, beautiful double, fragrant flowers, resembling small roses of a delicate pink. Ideal for a small yard. 2-3 ft., 75c; 3-4 ft., \$1.00; 4-6 ft., \$1.50 each.

## Golden Chain

**Laburnum Vulgare** — Small, quick-growing tree with soft, deep green clover-shaped leaves retaining their color until late in fall. Flowers fragrant, bright, yellow, in long, drooping racemes. 5-6 ft., \$1.50; 6-8 ft., \$2.00.

All prices quoted on trees are f.o.b. Salt Lake City. See page 96 for quantity price schedule. Small sizes under four feet can be sent parcel post where desired. Add 15c each extra for packing and postage.



Famous Flowering Cherries, Washington, D.C.

# TREES For Shade and Beauty

## Elm (Ulmus)

**American Elm** (*Ulmus Americana*) — Tall and stately with a graceful, wide-spreading form vase-like, densely covered with a rich, bright green foliage. 4-6 ft., 50c each; 6-8 ft., \$1.00 each; 8-10 ft., \$1.25 each; 10-12 ft., \$1.75 each.

**Cork Elm** (*Ulmus racemosa*) — Tall, majestic, with spreading branches, corky winged; free from scale and disease. 6-8 ft., \$1.75.

**English Elm** (*Ulmus Campestris*) — A native of Europe; a noble rapid-growing tree, forming a dense head; a desirable tree for streets, avenues, etc., 6-8 ft., \$1.75 each; 8-10 ft., \$2.50 each.

**Moline Elm** — The young tree is, in shape, somewhat like a Lombardy Poplar, with leaves often 6 inches across. The older trees become more spreading with

more nearly horizontal branches. 6-8 ft., \$1.00 each; 8-10 ft., \$1.50 each; 10-12 ft., \$2.00.

**New Chinese or Siberian Elm** (*Ulmus Pumila*) — A clean, fast grower, free from disease and pests. Thoroughly hardy and vigorous under most trying soil and climatic conditions. Its resistance to drouth, alkali and extreme temperature makes it very valuable for our Western conditions. 3-4 ft., 35c each; 4-6 ft., 50c; 6-8 ft., \$1.00; 8-10 ft., \$1.25; 10-12 ft., \$1.75; 12-14 ft., \$2.00.

**Camperdown Elm** (*U. scabra pendula*) — Always top grafted. Limbs grow outward and downward, giving the tree a remarkable picturesque aspect. 2-year heads, \$2.50 each; 3-year heads, \$3.00.

## Hawthorne (Flowering Thorns)

**English Double Flowering White** (*Crataegus Oxyacantha fl. pl.*) — The double white form of the fragrant English Hawthorne; flowers in May and June. Color changes to pink before blossoms fall. 3-4 ft., \$1.00; 4-6 ft., \$1.50 each.



New Chinese or Siberian Elm

**Globe Locust** — Unusually attractive; forms round-headed tree—without trimming. 1-year head, \$2.25; 2-year head, \$2.50; 3-year head, \$3.00.

**Rose Acacia** — Beautiful pink pea-like flowers in long racemes in June. A very charming small tree. 4-5 ft., standards, 2-year head, \$3.00; 1-year head, \$2.00.

## Horse Chestnut

**White Flowering** (*Aesculus hippocastanum*) — The handsome European species; has magnificent spikes of white flowers borne in great profusion and sweetly scented. 4-6 ft., \$2.00 each; 6-8 ft., \$2.50 each; 8-10 ft., \$3.00 each.

## Mulberry

**Mulberry, Russian** (*Morus tatarica*) — Rapid growth; round headed profuse foliage; used to attract birds. 4-6 ft., 50c; 6-8 ft., 75c each; 8-10 ft., \$1.00 each.

**Mulberry, Ten Weeping** (*Morus ala pendula*) — The long, slender, drooping branches of this tree give it a very unusual and much admired appearance. Prized for lawn planting. 2-year heads, \$2.00; 1 year head, \$1.50.

**Kingman** (Fruitless) — 30 ft. A good strong growing dense shade tree, but without fruit, thus avoiding the staining of walks under the tree. Extremely rapid in growth and one of the best shade or street trees for southern Utah, Nevada, and other hot, dry arid climates. 6-8 ft., \$1.50 each; 8-10 ft., \$2.00 each.

All Trees  
Are Priced  
Not Prepaid

**American** (*Tilia Americana*) — A stately tree, forming a fine, broad, round head with large, shining cordate leaves. Its flowers appear in yellow drooping clusters intensely fragrant. 6-8



Globe Locust

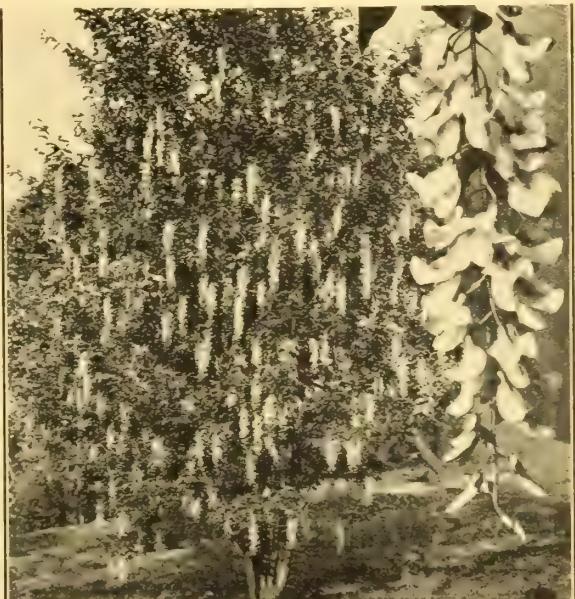
## Linden

ft., \$2.50 each; 8-10 ft., \$3.00.  
**European** (Lime Tree) — Pyramidal shape, foliage similar to American Linden, white flowers in June. 6-8 ft., \$2.50; 8-10 ft., \$3.00 each.

## Locust

**Thornless Honey Locust** — Same as Honey Locust, except it is without thorns. 8-10 ft., \$2.50 each; 6-8 ft., \$2.00 each.

**Pink-Flowering Locust** (*Robinia pseudacacia decaisneana*) — Remarkable for its vigorous growth and fine, pink-colored flowers, which it produces in great abundance. 6-8 ft., \$1.75 each; 8-10 ft., \$2.25.



Golden Chain (Laburnum)

# ORNAMENTAL TREES For Shade and Beauty

Prices quoted on trees are f.o.b. Salt Lake City. See table below for quantity price schedule. Small sizes, under four feet, can be sent parcel post where desired. Add 15c per tree extra for packing and postage.



Norway Maple

## Willow

**American Black** (*Salix nigra*)—6-8 ft., 60c; 8-10 ft., 85c; 10-12 ft., \$1.00 each.

**Babylonian Weeping Willow** (*Salix babylonica*) — A tree of stately appearance with long, pendant branches swaying their silvery foliage in every breeze; quick to take hold when transplanted. 6-8 ft., \$1.25; 8-10 ft., \$1.75.



Babylonian Weeping Willow

**Golden** (*Salix vitellina aurea*) — Good for windbreaks. 6-8 ft., 60c; 8-10 ft., 85c; 10-12 ft., \$1.00.

**Matsudana** (*Hankow Willow*) — Splendid new variety from China. Grows more upright than "Babylonian." Very vigorous, rapidly develops into magnificent tree 35 feet in height. Should prove hardy everywhere in the Mountain States. 4-6 ft., \$1.00; 6-8 ft., \$1.25; 9-10 ft., \$1.50.

**Pussy Willow** (*Salix discolor*) — Attractive catkins form on the branches in early summer. 5-6 ft., 50c; 6-8 ft., 75c.

## Quantity Price Schedule for Trees, Shrubs, Etc.

Where each price only is printed in this Catalog the table below determines the 10 and 100 rates on the respective items of trees and shrubs. Unless otherwise specified the prices are f.o.b. Salt Lake City.

Where each	Per Ten	Per 100	Where each	Per Ten	Per 100	Where each	Per Ten	Per 100
Price is	Rate is	Rate is	Price is	Rate is	Rate is	Price is	Rate is	Rate is
\$ .25	\$ 2.25	\$ 20.00	\$ .80	\$ 7.50	\$ 64.00	\$ 2.75	\$ 24.75	\$ 220.00
.30	2.70	24.00	.85	8.00	67.50	3.00	27.00	240.00
.35	3.25	28.00	.90	8.50	72.00	3.25	29.25	260.00
.40	3.60	32.00	.95	9.00	76.00	3.50	31.50	280.00
.45	4.00	36.00	1.00	9.50	80.00	3.75	33.75	300.00
.50	4.50	40.00	1.25	11.25	100.00	4.00	36.00	320.00
.55	5.00	44.00	1.50	13.50	120.00	4.25	38.25	340.00
.60	5.50	48.00	1.75	15.00	140.00	4.50	40.50	360.00
.65	5.75	52.00	2.00	18.00	160.00	4.75	42.75	380.00
.70	6.25	56.00	2.25	20.00	180.00	5.00	45.00	400.00
.75	6.75	60.00	2.50	22.50	200.00	5.50	50.00	440.00

Five or more of one variety at the 10 rate, 25 or more at the 100 rate.

## Maples (Acer)

**Silver (Dasycearpum)**—A large tree with wide spreading branches. Very fast grower, makes dense shade and thrives in any soil. 5-6 ft., 50c each; 6-8 ft., 75c each; 8-10 ft., \$1.00 each; 10-12 ft., \$1.50 each; 12-14 ft., \$2.00 each.

**Norway (A. Platanoides)**—A large handsome tree of spreading rounded form, with shiny, deep green foliage. Usually very symmetrical. One of the most desirable species for the street, park or lawn. 6-8 ft., \$1.50; 8-10 ft., \$1.75; 10-12 ft., \$2.25 each.

## Poplar (Populus)

**Bolleana (P. Bolleana)**—A tall columnar, rapid growing, hardy tree. Leaves glossy green above and silvery beneath. 4-6 ft., 35c each; 8-10 ft., \$1.00 each; 10-12 ft., \$1.50 each; 12-14 ft., \$2.00 ea.

**Carolina (P. deltoides Carolinensis)**—Rapid grower; desirable for

quick shade. 6-8 ft., 40c each; 8-10 ft., 60c each; 10-12 ft., 75c each; 12-14 ft., \$1.00 each.

**Lombardy (P. nigra italicica)**—Grows narrow and columnar. Of great value in landscape work. 10-12 ft., \$1.00 each; 8-10 ft., 75c each; 6-8 ft., 50c each; 4-6 ft., 35c each.

## Flowering Plums

**Bliriana (New Flowering Plum)**—See color plate opposite page. In early spring this is a mass of double pink flowers, followed by very dark reddish-purple foliage, which is retained throughout the season. 3-4 ft., 85c each; 5-6 ft., \$1.25 each, not postpaid.

**Pissardi (Purple-Leaved)**—Covered in early spring with beautiful white flowers, later with wine-red fruits. 3-4 ft., 65c; 4-6 ft., 90c.

## Peach

### (Double Flowering)

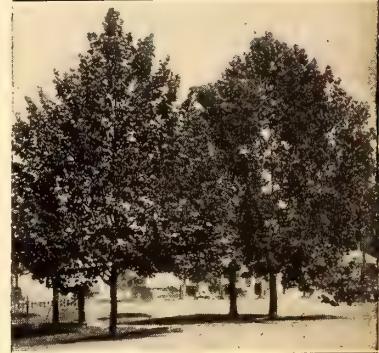
**(Amygdalus Persica)**—Simply a mass of blossoms, appearing before the leaves, making an immense bouquet of gorgeous color. Fast growing and very hardy; **Double White, Double Pink, Double Red**. 2-3 ft., 85c; 4-6 ft., \$1.10, not postpaid.

(See color plate next page.)

**Weeping — Double Flowering — White** — Pendulant branches massed with double white blossoms before the foliage appears. Most attractive. 5 ft. Standards, 3 yr. heads, \$3.00 each.

## Plane Oriental

**London Plane (Platanus Acerifolia)**—It forms a fine spreading, well-rounded head. Entirely free from disease or pests. Leaves are large, dark green and deeply lobed. One of the very best street trees. 4-6 ft., \$1.25; 6-8 ft., \$1.50; 8-10 ft., \$2.00; 10-12 ft., \$2.50; 12-14 ft., \$3.00.



London Plane

## Tulip Tree

**Liriodendron (tulipifera)** — Tall, pyramidal habit; bluish-green, glossy, fiddle-shaped leaves; flowers tulip-like, greenish-yellow. 3-4 ft., \$1.50; 4-6 ft., \$2.00; 6-8 ft., \$2.50.

## Walnut

**Black (Juglans nigra)**—A magnificent tree attaining great size. Its edible nuts are borne in great quantity. 4-6 ft., \$1.00 each; 6-8 ft., \$1.50; 8-10 ft., \$2.00.

### Prices on Trees are Not Prepaid

Small sizes under four feet can be mailed if desired. Add 15c each extra for postage.



"I think that I shall never see,  
A poem lovely as a tree."

DOUBLE FLOWERING PEACH—A gorgeous display in the Spring. Price, 3-4 ft. size, \$1.00; 4-6 ft. size, \$1.25 each, postpaid. (See page 96.)



NEW DOUBLE  
FLOWERING PLUM  
**BLIRIANA**  
double pink flowers,  
followed by very  
dark reddish purple  
foliage. Mail size, 3-  
4 ft., \$1.00 each,  
postpaid. (See page  
96.)



PYRACANTHA, LALANDII—Beautiful broadleaf evergreen, covered with gorgeous orange red berries during the entire winter. Price, 18-24 inch, in gallon cans, weight 10 lbs., \$1.50 each. If by mail add postage at zone rates; by freight or express, larger size, 2-3 ft., in 5 gallon cans, \$3.00 each, not prepaid. (See page 93.)

Color Shrub and Tree Collection No. 97  
Consists of one each—Bliriana Plum 3-4 ft., Double Flowering Peach 3-4 ft., and Pyracantha Lalandii 18-24 in. All prepaid for

**\$350**

# FLOWERING SHRUBS

FOR ALL SEASON  
BLOOMING



ALTHEA DOUBLE  
RED — Grand Rose-  
like flowers in late  
summer. 50c each.



TAMARIX HISPIDA  
— A mist of pink  
both early Spring  
and Late Summer.  
45c each.



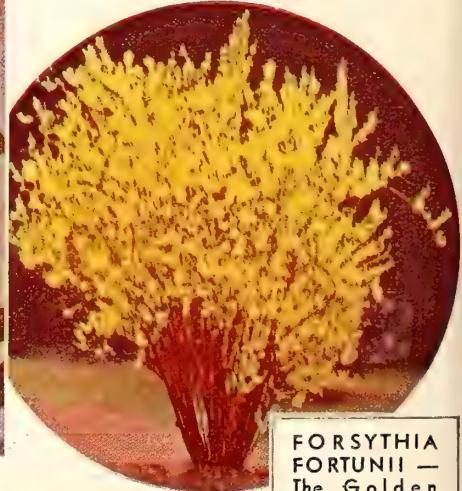
FRENCH LILAC  
— HUGO KOS-  
TER — a glorious  
picture in May.  
\$1.25 each.



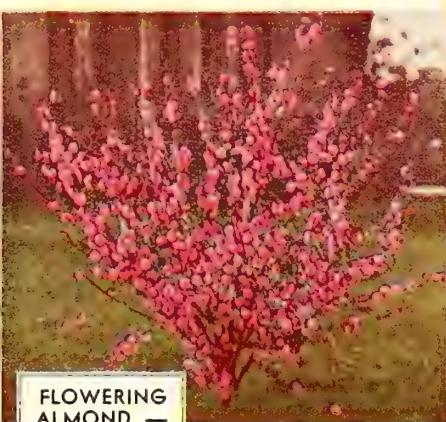
NEW CHINESE LILAC  
— 2-3 ft. size. 60c each.



COTONEASTER  
DIVARICATA —  
Shapely shrub,  
glossy foliage,  
red berries.  
Each 75c.



FORSYTHIA  
FORTUNII —  
The Golden  
Glory of Spring.  
45c each.



FLOWERING  
ALMOND —  
Double Pink.  
75c each.

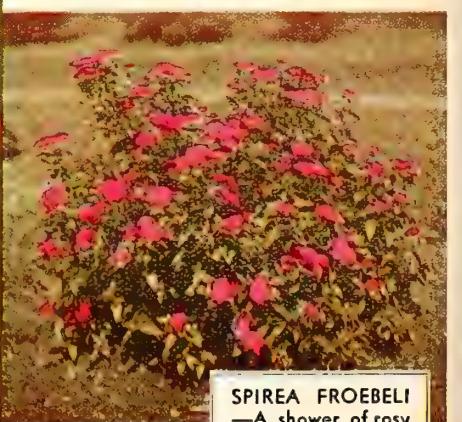
P.-W.'s Flower-  
ing Shrubs All  
Season Collec-  
tion Offer No.  
98

One each of the eight  
beautiful shrubs shown  
on this page. All two  
years old. Size 2-3 ft.  
(Regular value \$4.65)

Post-  
paid  
for

\$300

See pages  
100-103 for  
descriptions.



SPIREA FROEBELI  
— A shower of rosy  
red in mid-summer.  
Each 50c.

# Hardy Ornamental VINES and CREEPERS

Your home, outbuildings, fences and trunks of old trees can be made very attractive by the use of hardy vines. Such permanent improvements add greatly to the value of your property, and the value increases from year to year. We furnish strong two-year-old field plants at prices given below. All are postpaid except where otherwise noted.

## Akebia

**QUINTATA**—A perfectly hardy, fast growing vine, with magnificent foliage never attacked by insects; producing chocolate-purple flowers in large clusters, delightfully fragrant. Each, 75c.

## Ampelopsis

**AMPELOPSIS ENGELMANI**—New Virginia Creeper—equipped with tendrils, by which it will climb walls of stone or brick, similarly to Boston Ivy. Each, 35c.

**AMERICAN IVY**—Virginia Creeper or Woodbine (*Ampelopsis Quinquefolia*)—A strong, rapid grower. Hardy everywhere. Each, 35c.

**BOSTON OR JAPAN IVY** (*Ampelopsis Veitchii*)—One of the finest climbers for covering walls, as it clings firmly to the smoothest surface, covering it evenly with overlapping leaves, which form a perfect mass of foliage. The color is fresh deep green in summer, changing to bright shades of crimson and yellow in autumn. Each, 50c, postpaid. Established in cans, 75c. Shipping weight 10 lbs. If by mail add extra at zone rates for postage.

## Aristolochia Siphon

**DUTCHMAN'S PIPE VINE**—A vigorous and rapid-growing climber, bearing brownish colored flowers which resemble a pipe in shape. Each, 65c.

## Bignonia Radicans

**SCARLET TRUMPET VINE**—For covering unsightly places, stumps, rockwork or planting in crevices in ledges, the Bignonias will be found very useful. The flowers are large, attractive and showy, and borne profusely when the plant attains a fair size. Each, 50c.

## Celastrus Scandens

**BITTERSWEET, OR WAXWORK**—One of our native climbing plants of rapid growth, succeeding in almost any situation, sun or shade, with attractive light green foliage and yellow flowers during June, followed in the autumn by bright orange fruit which usually remains on the plant throughout the winter. Each, 50c.

## Clematis

Many failures are the result of too shallow planting. The crown of the roots should be set at least 3 inches below the surface of the soil.

**Paniculata** (Japanese Virgin's Bower)—Strong, rapid growth, with small, dense, cheerful green foliage. Blooming in profusion during August, and continues until late fall. Flowers are white and deliciously fragrant. Each, 50c.

**Jackmanii**—The best known and most valued variety of this popular family. A perfect mass of bloom when in full flower. Color, dark, rich, royal purple. 1 year No. 1 (from pots), 75c each. Postage extra 15c, if by mail.

**Mad. Ed. Andre**—Large flowering type; crimson-red flowers. 1 year No. 1 (from pots), 75c each. Postage extra 15c, if by mail.

white flowers. Strong plants. Each, 75c. (See cut.)

## Wisteria

**Sinensis** (Purple)—A most beautiful climber of rapid growth. When well established it makes a growth of 15 to 20 feet in a season. Flowers violet-blue. Ea., 85c.

**Sinensis** (White)—A white-flowering form of the above. Each, 85c.

**Multijuga Florepiena**—Long racemes of double purple flowers; very beautiful. Each, \$1.00.

See page 96 for quantity price schedule.



Boston Ivy on rear of House. Silver Moon Climbing Rose on Front. (See page 105)

## Collection Offer No. 99

Includes the following:

- 1 Boston Ivy
- 1 Clematis White
- 1 Silver Lace Vine
- 1 Everblooming Honeysuckle

(Regular Value \$2.50)

All prepaid for  
**\$200**

## Euonymus

**Radicans vegeta** (Evergreen Bittersweet)—A strong-growing variety with larger leaves than other types producing bright orange-red berries which remain on the plant the greater part of the winter. As a hardy evergreen plant for wall covering, this variety is unequalled 1 year, 50c; 2 year, \$1.00.

## Hedera (Helix)

**ENGLISH IVY**—The well-known variety with small leaves which has proved perfectly hardy. Largely used for covering walls, loose racks, fences, or trellises. Each, 50c. Extra large plants, 75c each. Postage extra 15c.

## Honeysuckle

**Halliana** (Hall's Japan Honeysuckle)—A strong, vigorous, almost evergreen sort; white flowers changing to yellow; very fragrant; flowering from July to December; holds its leaves nearly all winter. Each, 50c.

**SCARLET TRUMPET**—It is a strong, rapid grower and produces scarlet, inodorous flowers. Each, 50c.

**New Everblooming** (*Lonicera Heckrottii*)—Remarkable for large size and distinct appearance of its flowers, crimson-carmine without and golden apricot inside. Very beautiful and fragrant, in bloom from the middle of June until the coming of frost. Each, 75c.



Silver Lace Vine

Clematis Jackmanii

## Lycium (Chinese)

**Matrimony Vine**—Excellent for trellises or banks. The small purple flowers in summer are followed by scarlet berries which cling long through the winter. Each, 50c.

## Silver Lace Vine

(*Polygonum Auberti*)

One of the most desirable flowering climbers. The plant is of strong, vigorous growth, attaining the height of 25 feet or more, and producing through the summer and fall great foamy sprays of

# SHRUBS - P.-W.'s Beautiful

Following each description we indicate the height and spread at maturity. For example: ("H 3-4, S 3-4.") may be interpreted: "height, 3 to 4 feet, spread, 3 to 4 feet." It is understood that the sizes given are only approximate, and will vary considerably, according to soils and climate. Shrubs marked (\*) can be grown in partial shade, but they will also thrive in full exposure to the sun.



Flowering Almond

## Almond, Double Fl.

The flowers are borne on its slender branches during May and are very fragrant. (H 3-4, S 4.)

**Double Pink. Double White.** 2-3 ft., 75c.

## \*Althea (Rose of Sharon)

Blooming from August to October; extensively used as hedge plants. We offer in four distinct colors. **Red, Pink, White and Purple.** (H 10-12, S 6-8.) 18-24 in., 30c; 2-3 ft., 50c; 3-4 ft., 75c.

## Amelanchier

**Canadensis (Service Berry)** — Produces attractive white flowers early spring, followed by red fruit. Edible. Attractive to birds. 2-3 ft., 75c; 3-4 ft., \$1.00.

## Amorpha

**False Indigo (A. Fruticosa)** — Grows in large spreading bush form, with bright green leaves in pinnate arrangement; flowers deep violet blue in June. (H 8-10, S 8-10.) 2-3 ft., 50c; 3-4 ft., 75c; 4-5 ft., 90c.

## Aralia

**Spinosa (Devil's Walking Stick)** — Sometimes called "Hercules Club." Blooms July, August, large panicles, white flowers followed by black berries, develops a tree-like form, branches very spiny. (H 15-18, S 7-8.) 2-3 ft., 75c; 3-4 ft., 85c.

## \*Berberis (Barberry)

**Japanese Barberry (B. Thunbergii)** — Beautiful shrub for hedges, border, screens or general purposes. Very compact and needs no attention with the shears. (H 3-4, S 3-4.) 15-18 in., 25c; 18-24 in., 30c. Three year specimen shrubs, 65c each.

**New Red Leaved Barberry (B. Thunbergii Atropurpurea)** — In habit of growth and in fruiting it is identical with the popular Japanese Barberry, but its foliage develops a rich, bonzy-red color. (H 3-4, S 3-4.) 12-18 in., 35c; 18-24 in., 45c.

## Purple Leaved Barberry

Attractive colorful, graceful, taller than the Japanese types. (H 6-8, S 5-6.) 18-24 in., 75c; 2-3 ft., \$1.00; 3-4 ft., \$1.25.

All prices on shrubs are f.o.b. Salt Lake City. See page 90 for quantity price schedule. If wanted by mail add 3c each extra on 18-24 in. size; 5c each on 2-3 ft. size, and 8c each on 3-4 ft. size, for packing and postage.

## Truehedge Columnberry

**(Berberis Pluriflora Erecta)** — Protected against unlicensed propagation by U. S. Plant Patent No. 110. A new Barberry—vertical, compact, roundly columnar, vigorous, healthy, dense, beautiful. This makes you A READY-MADE HEDGE almost at once! No pruning needed to keep a formal face and height. Often mistaken for Boxwood. TRUE-HEDGE is valuable for refined lawn specimens (See cut.) Price: 15-18 in., each 50c; 5 for \$2.00; 25 for \$8.75.

## Buddleia (Butterfly Bush)

**Alternifolia** — This is a splendid new Butterfly Bush. It does not freeze in the winter. Flowers are lavender-purple with a reddish crimson eye, and are formed in very compact rounded clusters. Prolific bloomer. The shrub is compact with fine leaves and branches of semi-weeping habit. (H 4-6, S 4-5.) 2 yr., 75c each.

**B. Veitchiana** — Blooms in July and continues until frost. Flowers in dense spikes. Deep native purple. (H 5-6, S 4-5.) 1 yr. plants, 50c; 2 yr., 65c.



Buddleia Veitchiana

## Caragana

**Siberian Pea Tree (C. Siberica)** — Compound leaves bright green; numerous small clusters of yellow flowers. (H 8-10, S 8.) May and June, 18-24 in., 25c; 2-3 ft., 35c; 3-4 ft., 50c; 4-6 ft., 75c.

## Calycanthus

**(Sweet Shrub) (C. floridus)** — An old-fashioned shrub known to everyone. Its flowers are deep reddish-brown, sweet-scented; deep green, glossy foliage, free from disease. (H 5-6, S 4-5.) 2-3 ft., 75c.

## Caryopteris

**Incana** — (Blue Spirea) Sometimes called Blue-beard. From early September until frost it is a mass of lavender-blue flowers. Not hardy in exposed situations. (H 2-3, S 2-3.) Plants 15-18 in., 35c; 18-24 in., 50c.

## Clethra (Summer Sweet)

**Ainfolia (White Alder, or Sweet Pepper Bush)** — Dwarf shrub bearing spikes of pure white, deliciously fragrant flowers July to September. (H 4-6, S 4.) 18-24 in., 50c; 2-3 ft., 75c.

## Corylus (Hazel Nut)

**Americana** — Well known native American nut-bearing shrub that makes an attractive addition to natural planting. (H 8-9, S 8.) 2-3 ft., 75c.

## \*Chokeberry (Aronia)

**Arbutifolia** — Attractive pale green, foliage coloring to vivid red in the fall. White flowers in May are followed by masses of red berries. (H 7-9, S 6-8.) 18-24 in., 50c; 2-3 ft., 75c; 3-4 ft., 90c.

**Melanocarpa (Black Chokeberry)** — Same habit as above, except grows taller and has black berries. (H 8-10, S 8-10.) 2-3 ft., 75c; 3-4 ft., 90c.

## \*Cornus (Dogwood)

**Red Siberian (C. Sibirica)** — Produces cream colored flowers in June, light blue fruits, and bright red twigs and branches. (H 6-8, S 6.) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

**Golden Twig (C. Stolonifera, Lutea)** — Yellow stemmed. Clusters of white flowers, stems and branches are yellow. (H 7-8, S 7.) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

**Variegated Dogwood (Cernus elegantissima)** — Silver and green foliage, red bark, sometimes known as Silver Blotch Dogwood. (H 5-6, S 4-5.) 2-3 ft., 75c.

**Silky Dogwood (Amomum)** — Young twigs are purple, flowers white, followed by pale blue berries, prefers moist soils. (H 8-9, S 7-8.) 2-3 ft., 50c; 3-4 ft., 75c.

**About Price** — The stock offered here is hardy, acclimated Utah grown with strong, vigorous roots and should not be considered in price competition with inferior grades.



Truehedge Columnberry

*Berberis T. Pl. Erecta, U. S. Patent No. 110*

# Acclimated, Ornamental SHRUBS



Kolkwitzia Amabilis (see page 102)

## Cotoneaster

**Acutifolia**—Showy, stately shrub. With lustrous green foliage, which flowers in June, followed by black berries. (H 6-7, S 5-6) 18-24 in., 30c; 2-3 ft., 50c; 3-4 ft., 75c.

**Divaricata**—Beautiful glossy green foliage; spreading habit of growth. Pink flowers in June are followed by red berries in September. (H 5-6, S 5-6) 2-3 ft., \$1.00.

## Cydonia

**Japan Quince (Japonica)**—A single shrub on the lawn is very attractive; brilliant crimson flowers, among the first in the spring. (H 4-5, S 5) 12-18 in., 30c; 18-24 in., 45c; 2-3 ft., 60c; 3-4 ft., 75c.

## Currant (Ribes)

**Aureum** (Missouri Golden Currant)—Grows to a height of from 4 to 7 feet. Pretty, spicy, sweet-scented, bright yellow flowers in May, and has a clean attractive foliage. (H 4-5, S 5) 18-24 in., 50c; 2-3 ft., 75c; 3-4 ft., 85c.

## Deutzia

Popular shrubs; flower in June and through July and August.

**Crenata (Rosa Plena)**—Double light pink; very desirable tall shrub. (H 6-8, S 6) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

**Gracilis**—A favorite dwarf bush, covered with spikes of pure white flowers. (H 2-3, S 3) 18-24 in., 50c; 2-3 ft., 75c.

**Pride of Rochester**—Fine, tall growing double white flowering variety. (H 6-8, S 5) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

## Exochorda

**Pearl Bush**—Vigorous grower; dazzling white flowers in numerous terminal racemes. A narrow upright shrub which prefers a moist, fertile soil. (H 6-8, S 4) May. 12-18 in., 30c; 2-3 ft., 75c.

All prices on shrubs are f.o.b. Salt Lake. See page 96 for quantity price schedule. If wanted by mail add extra 3c each on 18-24 in. size; 5c each on 2-3 ft. size, and 8c each on 3-4 ft. size, for packing and postage.

## Euonymus

**Americana (Atropurpurea)** (Strawberry Tree)—American Burning Bush. Very showy. In autumn, loaded with scarlet seed pods, orange-colored berries. (H 7-8, S 6-7) 18-24 in., 45c; 2-3 ft., 60c.

**Atatus-Compacta** (Dwarf Burning Bush)—In Autumn the oval, bright green leaves of this shrub turn to gorgeous tones of red and crimson, resembling a ball of fire. Fine for formal effects as it may be trimmed to size desired. Attractive scarlet berries. (H 5-6, S 5) 12-18 in., 50c; 18-24 in., 75c

## Eleagnus

**Japanese Oleaster**—Nearly evergreen light foliage, which is silvered on the under surface, yellow fragrant flowers in May followed with orange-colored fruit. (H 6-8, S 6) 2-3 ft., \$1.00.

**Umbrellata** (Autumn Eleagnus)—Highly ornamental shrub with handsome gray-green foliage; flowers yellowish-white and very fragrant. (H 10, S 8-10) 2-3 ft., 50c.

**Russian Olive (Elaeagnus angustifolia)**—Its foliage is of a remarkable silvery hue; admirable for tall backgrounds; also useful for hedges, either trimmed or untrimmed. 2-3 ft., 50c; 3-4 ft., 65c.

## Forsythia (Golden Bell)

**Fortunei**—Strong, erect habit; bright golden-yellow flowers in early spring. (H 7-8, S 6) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

**Suspensa** (Weeping Golden Bell)—Tall willowy growth, branches gracefully arching, covered with golden-yellow bells. (H 4-6, S 7) 12-18 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

## Fringe Tree

**Purple (Smoke Tree), Rhus Cotinus**—A conspicuous spreading shrub or small tree with large cluster round leaves; overhanging in midsummer by mist-like clouds of tiny flowers. These billowing panicles are a light lavender; give the impression of smoke at a distance. (H 8-10, S 8) 18-24 in., 75c; 2-3 ft., \$1.00.

## \*Hamamelis (Witch Hazel)

**Virginia** (Witch Hazel)—Bears blooms in late Fall and early Winter at a time when all other shrubs are dormant. The heart-shaped leaves give it a decorative appearance but the chief attraction is the bright, yellow flowers which seem to be so out of season. (H 10-12, S 9) 18-24 in., 50c; 2-3 ft., 75c; 3-4 ft., \$1.00.

## Kerria

**Japonica, Double**—A graceful shrub for the front of a shrubbery border, or in a mixed planting around porches. Attractive golden-yellow double flowers are borne from June to October. (H 4-5, S 3) 18-24 in., 50c; 2-3 ft., 75c.

## \*Hypericum

**Prolificum**—Shrubby St. John's Wort. Bright yellow flowers are borne in branching terminal clusters. Narrow, lustrous dark green leaves cover the numerous compact branches. (H 2-3, S 2-3) July. 18-24 in., 50c; 2-3 ft., 75c.

## \*Hydrangea

**Aborescens Grandiflora** (Hills of Snow or Snowball Hydrangea)—Snow white blossoms of largest size; flowering from early June until late July. (H 3, S 3) 18-24 in., 50c; 2-3 ft., 75c.

**Paniculata Grandiflora**—Blooms in July and August; pure white to pink, and finally to a beautiful rich coppery red. (H 5-6, S 5) 18-24 in., 50c; 2-3 ft., 75c.

**Oak Leaved** (Hydrangea Quercifolia)—Light green leaves similar to an oak leaf. Pure white flowers in mid-summer borne in huge panicles. Autumn leaves colorful. Thrives in partial shade with plenty of moisture. (H 3-4, S 3) 18-24 in., 75c; 2-3 ft., \$1.00.

## Honeysuckle (Bush)

(Lonicera)

**Tartarian** (Lonicera Tartarica)—Most popular of the bush varieties. Foliage dark glossy green, blooms in June. (H 8-10, S 6-8) Red, Pink, White. 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c; 4-5 ft., 75c.

**Fragrantissima, Winter Honeysuckle**—Small, deliciously fragrant, white flowers tinged with yellow in the early spring before the leaves appear. Holds its green foliage until midwinter. (H 6, S 4-5) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

**Morovi**—A handsome Japanese variety with white flowers during May, but especially valuable for its bright and red fruit during the summer and autumn months. (H 6-8, S 5-6) 18-24 in., 30c; 2-3 ft., 60c.

**Spinosa Alberti**—Dwarf growing type with bluish green leaves and fragrant rose-pink flower in May and June. (H 2, S 2-3) 12-15 in., 75c; 15-18 in., \$1.00.

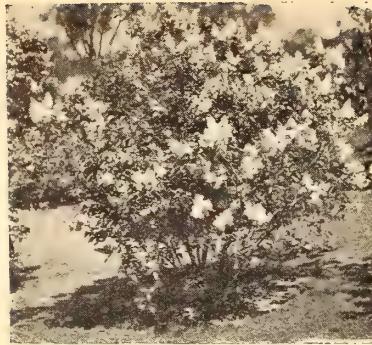
**Standishi**—Half evergreen shrub with spreading branches, fragrant bluish-white flowers in April, followed by scarlet berries. (H 6, S 7) 18-24 in., \$1.00; 2-3 ft., \$1.25.

**Tribetica**—A valuable new variety, low growing, dense, thickly branched, leaves glossy green, pale purple flowers in May, followed by red berries. (H 5, S 5) 18-24 in., \$1.25; 2-3 ft., \$1.75.



Fringe or "Smoke Tree"

# P.-W.'s Hardy SHRUBS



French Lilac

## Kolkwitzia Ambilis (Beauty Bush)

Growing 6-8 feet high at maturity with long arching branches, this variety combines all the merits of a perfect shrub; hardiness, year around beauty of foliage and habit, and an amazing profusion of pale pink bell-shaped flowers in June. 18-24 in., 50c; 2-3 ft., 75c.

## Lilac (Syringa)

**Josikaea** (Hungarian Lilac)—A distinct species of stout erect growth with dark shining leaves and purple flowers which are produced late in June. 2-3 ft., 75c.

**New Chinese** (rothomagensis chinensis) (Rouen Lilac).—A distinct hybrid variety, with reddish flowers; panicles of great size and very abundant. Very desirable. 2-3 ft., 75c.

**Persian Lilac**—Habit more open and branches more slender and drooping than Common Lilac. Flowers light purple. Grows 6 to 10 feet. 18-24 in., 45c; 2-3 ft., 60c; 3-4 ft., 75c.

**Villosa** (Japan Lilac)—Large branching panicles of flowers, a pink lilac tint. Late flowering. Bushes are more tree-like than other types. 18-24 in., 45c; 2-3 ft., 60c.

**Vulgaris** (Common—White or Purple)—(8 to 15 ft.) Large clusters of fragrant flowers in the Spring. 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

## French Lilacs

These Lilacs may be developed in either the shrub or tree form. Height, 10-15 ft., according to variety. "D" following name indicates double petals; "S," single.

**Chas. Jolley (D)**—Purple **Mme. C. Perier (D)**—

**Chas. X (S)**—Red. Purple **Creamy white**

**Hugo Koster. S. Reddish** **M. Buchner (D)**—Lavender

**Purple.** **Ludwig Spaeth (S)**—Pur- **Pres. Grevy (D)**—Blue

plish red **Rubrade Marley (D)**—Red

**Marie LeGrave (S)**—White **Wm. Robinson (D)**—Pink

**Price**—Any of the above varieties, 2-3 ft., \$1.25; 18-24 in., \$1.00.

## \*Ligustrum (Privet)

**Vulgaris** (English)—Leaves small dark green. White flowers in June, followed by black, shiny berries. (H. 10-12.) 18-24 in., 25c; 2-3 ft., 40c. (See page 103 for Hedge Shrubs.)

**Ibota Regelianum** (Regals Privet)—Makes a splendid low, dense hedge, also good in shrubbery planting. Glossy deep green foliage; height 5 to 6 feet at maturity. 18-24 in., 25c; 2-3 ft., 40c.

**Lodense**—Very dwarf and compact, not exceeding two and one-half feet. Glossy deep green foliage, very attractive.

Splendid low hedge or for low specimen plants. 12-15 in., 30c; 18-24 in., 50c.

**Loespedeza**

**Formosa** (Purple Bush Cover)—An attractive Autumn herbaceous shrub. Rosy purple flowers in September. (H 3-4, S 3.) 18-24 in., 45c; 2-3 ft., 60c.

**Photina**

**Villosa**—This is an upright shrub with slender spreading branches, flowers white, produced in large panicles in June to July. Flowers are followed by bright scarlet fruit in October. Foliage dark glossy green and very attractive. (H 8-10, S 8.) 18-24 in., 50c; 2-3 ft., 75c.

All prices on shrubs are f.o.b. Salt Lake. See page 90 for quantity price schedule. If wanted by mail add extra 3c each on 18-24 in. size; 5c each on 2-3 ft. size, and 8c each on 3-4 ft. size, for packing and postage.

## Philadelphus (Mock Orange)

**Coronarius** (Garland Mock Orange)—This is a popular tall variety refined and beautiful; large white flowers. (H 6-8, S 4-6.) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

**Lemoine**—Good, compact habit. Flowers sweetly scented. (H 7-8, S 7-8.) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 65c.

**Grandiflorus** (Large-flowered Syringa)—Vigorous, upright grower. Slender branches with an abundance of pure white, fragrant flowers in June. (H 8-10, S 8.) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

**Virginialis** (Mock Orange)—One of the most beautiful new varieties. A vigorous, tall grower, with very large, double-crested flowers, with round petals. Pure white, sweetly scented clusters of blossoms. 12-18 in., 35c; 18-24 in., 45c; 2-3 ft., 65c.

## Physocarpus (Ninebark)

**opulifolius** (Ninebark)—Quick growing, tall shrub, useful for screens; white flowers followed by bright, red fruit in July. (H 8-10, S 6.) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

**opulifolius Aureus** (Golden Ninebark)—Tall, with spreading branches and leaves, are yellow when first appears in Spring. Whitish flowers appear early Summer, followed by bright red pods. (H 8-10, S 6.) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

**opulifolius Nana** (Dwarf Ninebark)—Dwarf form dense growing, attractive white flowers in May-June, followed by red pods. (H 4-5, S 4.) 12-18 in., 30c; 18-24 in., 45c.

## Potentilla

**Fruticosa**—This is a most handsome and distinct low growing shrub. Prefers moist situations but will grow even in very dry soils. The shrub is covered throughout the summer with numerous bright yellow showy flowers. As a dwarf border shrub it is a most valuable addition. (H 2-3 ft., S 3.) 15-18 in., 45c; 18-24 in., 60c.

## Robinia

**Hispida** (Rose acacia)—This beautiful shrub is much appreciated because of the abundance of its large, pink, pea-like flowers. (H 4-5, S 5.) 18-24 in., 50c; 2-3 ft., 75c.

## Rhamnus

**Cathartica** (Buckthorn)—A dense twiggy bush, 6 to 10 feet high, with dark foliage relieved by masses of midsummer white flowers. Makes a good, prunable hedge. 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

## Rhodotypos

**Kerrioides** (White Kerria)—Bright green leaves, and pure white flowers in late Spring; later black berries that hang on all winter. (H 4-5, S 3-4.) 18-24 in., 50c; 2-3 ft., 75c.

## Rhus (Sumac)

**Canadensis** (Fragrant Sumac)—Sweet scented, dwarf growing, yellow flowers in short spikes along the branches, bright red fruits which appear later are clothed with short, silky hairs. Beautiful Autumn foliage. Good for rock gardens. (H 3-4, S 4.) 18-24 in., 45c; 2-3 ft., 60c.

**Copallina** (Shining Sumac)—Pretty, glossy foliage, very brilliant in the Fall, and winged-leaved stems give it distinct appearance. (H 4-6, S 5.) 2-3 ft., 45c; 3-4 ft., 60c.

**Typhina** (Staghorn Sumac)—One of the most brilliant plants in Autumn, when the green foliage turns to red, and the showy red fruit is borne high above surrounding shrubs. (H 10-12.) 2-3 ft., 30c; 3-4 ft., 45c; 4-5 ft., 60c.

**Typhina Laciata** (Shredded Sumac)—The branches are densely covered with velvety hairy-like growth resembling the developing Elk Horns. Flowers in white panicles. Deeply serrated leaves whose deep crimson color and persistent crimson fruit makes it attractive for background. July (H 10-12, S 6-8.) 2-3 ft., 30c; 3-4 ft., 45c; 4-5 ft., 60c.

## Sambucus (Elder)

**Acutiloba** (Cut Leaf Elder)—Attractive finely cut green leaves and large cymes of white fragrant flowers in June to July, followed by clusters of berries. (H 8-10, S 8.) 2-3 ft., 30c; 3-4 ft., 45c; 4-5 ft., 60c.

**Canadensis Aurea** (Golden Elder)—Bright yellow foliage, commonly used in massed planting to avoid monotony in the green effects. (H 6-8, S 5.) 2-3 ft., 30c; 3-4 ft., 45c; 4-5 ft., 60c.



Rhus Typhina

## Photina

This is an upright shrub with slender spreading branches, flowers white, produced in large panicles in June to July. Flowers are followed by bright scarlet fruit in October. Foliage dark glossy green and very attractive. (H 8-10, S 8.) 18-24 in., 50c; 2-3 ft., 75c.

# For Every PURPOSE

## Sorbaria (False Spirea)

**Aitchisoni** Upright, with many arching branches and fresh green leaves. Profuse bloom, June-July, in long feathery panicles, pure white. Does not blight. (H 4-5, S 5.) 18 to 24 inches, 50c each; 2 to 3 feet, 75c each.

## Spireas

**Anthony Waterer**—Dwarf, bushy, of spreading type, with large corymbs brilliantly colored rosy crimson. Very free flowering, at its best in late Summer. (H 2-3, S 3.)

**Arguta**—Deep green foliage; of minute, purest white flowers. Early May. (H 3, S 3.)

**Billiards Spirea** (S. Billardi)—Upright grower, with pink flowers in spikes or plumes 5-6 inches long in midsummer. (H 6, S 6.)

**Callosa alba** (White Japanese Spirea) — Similar to Anthony Waterer in habit and growth, but flowers are white. (H 3-4, S 3.)

**Froebell** (Froebel Spirea)—Leaves are purple when young. Deep rosy blooms are borne in abundance in the middle of Summer, and over a long period. (H 3-4, S 4.)

**Douglas** (Douglas Spirea)—Deep pink spikes of flowers in July and August, a delightful contrast against the white downy leaves. (H 5-6, S 5.)

**Korean** (Trichocarpa) — New Spirea discovered in Korea. Produces large, rounded clusters of snowy flowers marked with darker eyes in early June, beautiful glossy green foliage late into the Autumn. (H 4, S 4.) 18-24 in., 50c; 2-3 ft., 75c.

**Prunifolia** (Double Bridal Wreath)—One of the best; a beautiful shrub medium size, double white flowers in May. (H 6, S 6.)

**Thunbergii**—Graceful and beautiful at all seasons. White flowers in May. (H 4, S 3.)

\***Van Houtte** (Bridal Wreath)—The most satisfactory shrub in cultivation. It is round and graceful with long, thin, arching branches. Flowers are in white clusters, and are so numerous that when in full bloom the bush resembles a snowdrift. (H 6-8, S 6.) May and June. 15-18 in., 20c; 18-24 in., 30c; 2-3 ft., 40c; 3-4 ft., 50c; 4-5 ft., 65c. Specimen clump, \$1.25.

Any of above Spireas, except where specially noted, price, 15-18 in., 25c; 18-24 in., 35c; 2-3 ft., 50c.

## Symporicarpus

**Chenaultii** Glossy green foliage, very dense and compact. White flowers in spring followed by red berries in fall and winter. (H 4-5, S 4.) 18-24 in., 50c; 2-3 ft., 75c.

**Racemosus** (Snowberry) (B)—A graceful shrub, with slender branches. Flowers white. (H 4-5, S 4.) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

**Vulgaris** (Coral-Berry) (B)—A grand shrub, producing a wealth of red or purplish berries which remain on the branches all winter. Leaves ovate bright green. (H 4, S 3-4.) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

**Variegated Coralberry** — Beautiful golden foliage adds color. (H 4, S 3-4.) 18-24 in., 35c; 2-3 ft., 50c.

## Viburnum

**Carlesii**—Delicate rose-tinted white, sweet-scented flowers produced in terminal sub-globose cymes 2 to 3 inches in diameter. Good, bushy specimens. (H 4, S 3.) B & B, 18-24 in., \$1.25; 2-3 ft., \$1.75.

\***Dentatum** (Arrow-wood)—Green leaves turn to purple and red tones in Autumn. Creamy white flowers, followed by blue-black berries. (H 6-8, S 6.)

**Nannyberry** (V. Lentago) — Wrinkled Lantana-like leaves; white flowers in May, followed by fruit. Blush crimson to black. (H 12-15, S 10-12.)

\***Opulus** (European Cranberry) — White flowers in June, followed by bright scarlet berries, attractive. (H 10-12, S 10.)

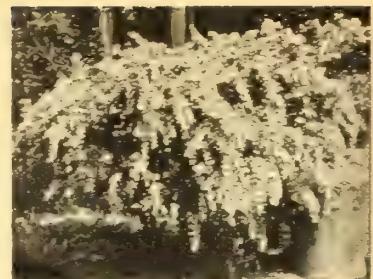
**Opulus Sterilis** (Common Snowball)—Ball-like, pure white flowers. (H 8-10, S 10.)

**Plicatum** (Japan Snowball)—Dark green foliage and balls of pure white flowers in May. (H 6-8, S 8.) Any of above, except where noted, 18-24 in., 50c; 2-3 ft., 75c; 3-4 ft., \$1.00.

## Vitex

**Macrophylla** — A most graceful, shapely, attractive plant, with nicely divided foliage with aromatic odor. Pretty lavender-blue flowers, arranged in whorls on long, graceful terminal spikes or racemes, begin blooming in July, continuing until frost. A desirable shrub for any position. (H 3-4, S 3-4.) 18-24 in., 50c; 2-3 ft., 75c.

All prices quoted on shrubs are f.o.b. Salt Lake City. See page 96 for quantity price schedule. If by mail add 3c each on 18-24 in. size; 5c each on 2-3 ft., and 8c each on 3-4 ft., for packing and postage.



Spirea Van Houtte

## Hedges and Screens

On varieties not detailed we can furnish special sizes, and shall be glad to quote quantity prices. The deciduous shrubs most popular for hedges we list below.

**Berberis Thunbergii** (Japan Barberry) — Special size, 1 to 1 1/2 ft., 10 for \$2.25; 25 for \$5.25; 100 for \$20.00.

**Hardy Privet** (Ligustrum)—18-24 in., 10 for \$1.50; 50 for \$5.00; \$9.50 per 100; 2-3 ft., 10 for \$2.50; 50 for \$6.50; \$12.00 per 100.

### Rosa Rugosas

— Rubra, Hansa, and other varieties listed on page 104. In special sizes for hedges 35c ea.; ten for \$3.25; 100, \$30.00.



Graceful Hedge of Barberry

## Tamarax

**Amurensis**—Feathery silver foliage and small, delicate pink flowers, borne profusely in May. (H 8-10, S 6.) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

**Gallica** (French Tamarix) — Light pink flowers in May. Bluish green foliage. (H 8-9, S 6.) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c; 4-5 ft., 75c.

**Hispida** (Kashgar Tamarix)—A distinct variety, with delicate, soft pink sprays of flowers in early Spring and again in July and August. (H 15, S 6.) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

## Weigelas

**Eva Rathke** — Blooms continuously throughout the summer and autumn; flowers are a rich ruby-carmine. (H 4-5, S 5.)

**Candida** — White flowers, flowering throughout the summer. (H 6-8, S 8.)

**Rosea** — A beautiful shrub with rose colored flowers (H 5-6, S 5.)

Any of above: 18-24 in., 45c; 2-3 ft., 60c.



Weigela Rosea

# P.-W.'s GLORIOUS ROSES



"Shrub Rose"—Rosa Hugonis

## How to Succeed with Roses

**Unpacking**—Should plants, when received, have a withered appearance, caused by an unusual delay in transit (which seldom occurs), soak them in water for an hour or so as to restore their vitality.

**How to Plant**—The rose delights in an open, airy situation; all types are partial to clay loam, but will succeed in any ordinary soil if enriched with well rotted barnyard manure. Dig up the soil thoroughly to a depth of twelve to fifteen inches. Dig a hole sufficiently large to accommodate the root, and pour a half pail of water into the hole; in filling, shake the plant lightly so that the soil may fall evenly all around the roots; this avoids cavities. Firm the soil well around the plant in order that it may be solid. Be sure that the buds or grafts, that is where the lower branches begin, are at least 2 inches below the surface of the soil. **Don't fail to prune off the branches as soon as planted, at least as much as shown in "Fig. 2".** Bush Roses can be set 1½ feet apart, climbing varieties from 4 to 6 feet apart, and standard Roses 3 or more feet apart.

To prevent the top branches from shriveling up before the root system has been developed, the earth should be hilled up as shown in "Fig. 2" above. The branches still exposed, should be cut down to the mound surface. Be sure to keep the ground moist after planting. In about three weeks' time the mound of earth may be gradually leveled down to the normal surface as shown in "Fig. 1." Cultivate freely throughout the summer and apply a light top dressing of bonemeal or "Vigoro." Fertilizer (see page 77) at least once a month throughout the growing season.

## P.-W.'s Bargain Size Rose Collection No. 104

Here is a group of ten everblooming Roses that will bring "sunshine" to your soul, and at a price within the reach of everyone. It's true these shrubs are not so large as our top size grades priced throughout the rest of our list; no—they are not "culls" but healthy, vigorous, hardy field grown Roses of **marvelous value**, at the **low price** offered. It consists of our selection as follows:

### ALL EVERBLOOMERS

- 1—White
- 2—Coral and Salmon
- 2—Orange and Yellow
- 3—Crimson and Red
- 2—Pink and Rose

All the above 10 Roses for

**\$250**

Postpaid

**Pruning**—This operation is best performed during the dormant season. Most roses do better if moderately pruned. We usually remove from one-third to two-thirds of the past year's growth, and all weak and decayed wood should be entirely cut out. As a rule the more vigorous the variety the more it should be pruned. Besides spring pruning, many of the Hybrid Perpetuals require to be pruned as soon as their first blossom is over, in order to grow new wood for later blooming. It is always the new growth which gives flowers. Most people are apt to prune too sparingly, which retards rather than enhances the free-blooming of their plants.

**Spraying in Roses**—See pages 75-76 on Insecticides.

**Time for Planting**—In this intermountain region, the best time for planting is in the spring, immediately after the frost is out of the ground, and as soon as the ground can be worked nicely.

**Winter Protection**—We have found that the most satisfactory protection is to draw up a mound of soil from eight to ten inches high around the base of the plants, then cover the entire beds after the ground begins to freeze with any loose material, such as strawy manure, leaves, etc. (See cut, Fig. 3.)

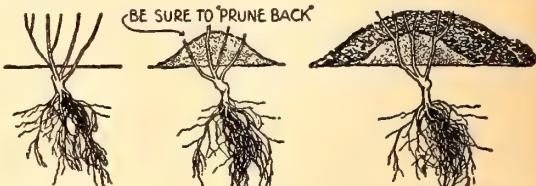


Fig. 1—Proper Depth to Plant

Fig. 2—Properly hilled up "after  
planting"

Fig. 3—Winter protection in cold  
regions.

## Rugosa and Hybrid-Rugosa Roses

Shrub-like roses. Valuable for their crinkled foliage and highly colored "hips;" show to good advantage in groups and hedges. (See also page 103 under Hedges.)

**Belle Poitevine**—Large loosely formed flowers of bright magenta pink; borne in large clusters continuously. Each, 50c.

**Hansa**—Double, reddish violet flowers of large size. Each, 50c.

**Sir Thomas Lipton**—Snowy white flowers of good size and unusual quality borne in profusion in spring. Each, 50c.

**Pink F. J. Grootendorst**—Pretty clear pink, ever blooming Baby Rugosa. Each, 50c.

**Red F. J. Grootendorst**—The red ever-blooming Baby Rugosa. Each, 50c.

**Rubra**—Large single flowers, various shades of magenta, and rosy crimson. Blooms profusely. Each, 50c.

## "Sweet Briar" & Other "Shrub Roses"

**Austrian Copper**—Bright coppery red, the reverse of the petals golden yellow. An old, very hardy favorite. Each, 75c.

**Rosa Hugonis**—A splendid Rose for the Shrubbery border with delicate yellow single flowers produced on long arching sprays early in May; after it has finished flowering it remains an attractive decorative bush for the balance of the season; perfectly hardy (see cut). Each, 50c.

**Rubiginosa** (Sweetbriar)—Single pink flower, borne singly, orange red fruit. Each, 50c.

**Rubrifolia**—Intensely pink, starry flowers, red foliage. Each, 50c.

## P.-W.'s Polyantha or Baby Roses

A class of dwarf habit all through summer and fall, for bedding or as edging for borders they are very beautiful. They are useful for pot culture or bedding purposes or for hedge effects.

**Baby Dorothy**—A pure pink with all quality of the Crimson Baby Rambler. Each, 50c.

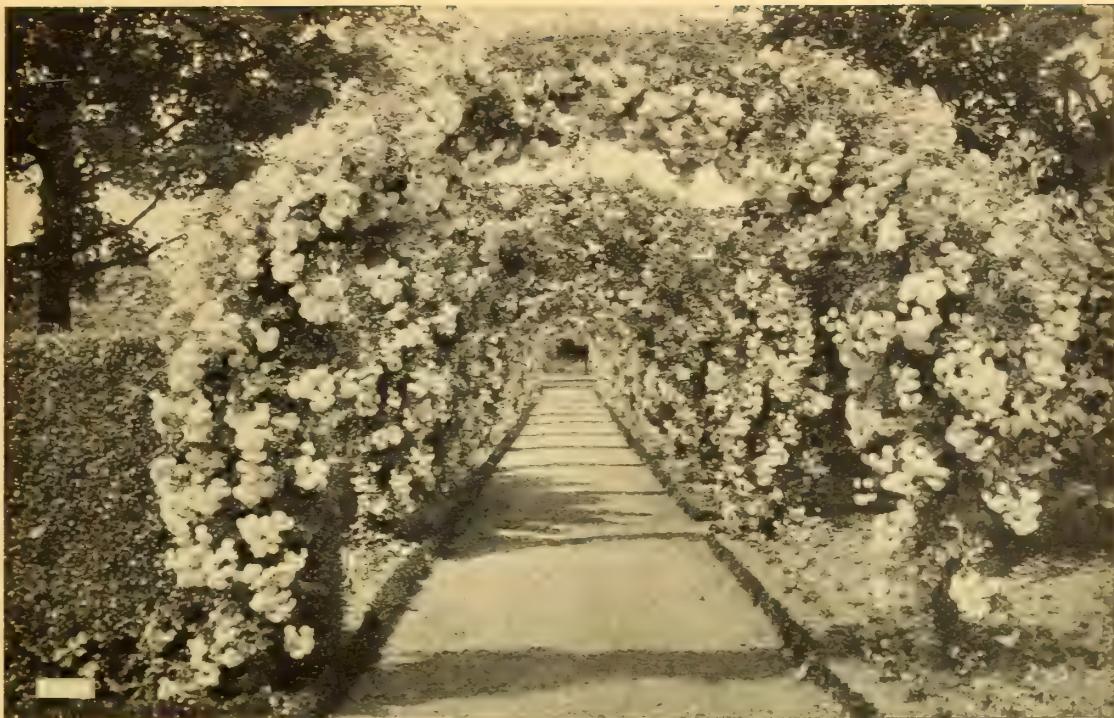
**Eugenie Lamesch**—Color, orange to clear yellow and rose, flowers in large cluster. Each, 50c.

**Gloria Mundi**—Brilliant orange scarlet flowers in huge clusters. Each, 75c.

**Madame Cecil Brunner**—Color salmon-rose, the most beautiful and lovely of the miniature roses; very fragrant. Each, 50c.

**Lafayette**—Bright red; large, semi-double flowers; as "Paul Scarlet," good keeper. Very fine flowering. Each, 60c.

**Ellen Poulsen**—Dark, brilliant pink and very sweetly scented. A vigorous grower. Each, 50c.



Just a glimpse of the marvelous possibilities of P.-W.'s Climbing Roses

### P.-W.'s Hardy Climbing Roses

**American Pillar** — A single-flowering variety of great beauty, which appeals to everyone. Flowers are enormous in size, three to four inches across, of a lovely shade of pink, with a clear white eye and cluster of yellow stamens. Each, 50c.

**Climbing American Beauty** — Same color, size and fragrance as American Beauty, with the addition of the climbing habit. Each, 50c.

**Paul's Scarlet Climber** — No other Rose, in any class, can compare with this for brilliancy of color which is maintained until the petals fall. It is of strong climbing habit and perfectly hardy. Each, 50c.

**Silver Moon** — Beautiful semi-double flowers four inches and over in diameter, pure white in color, petals of great substance, beautifully cupped, yellow stamens in the center add to its attractiveness. Each, 50c.

**Dr. W. Van Fleet** — The long pointed buds are of a rich flesh-pink on stems 12 to 18 inches long; splendid for cutting. Vigorous grower. Each, 50c.

**Emily Gray** — A real yellow climbing Rose as hardy as Dr. Van Fleet. The buds are long and pointed, color a beautiful light orange-yellow; dark green, glossy, holly-like foliage. Each, 60c.

**Mary Wallace** — This is a pillar Rose making a fine, strong, self-supporting plant 6 to 8 feet high, with large, glossy foliage, blooming with great freedom in spring and bearing considerable number of fine buds in summer and fall. Flowers very large, semi-double, clear rose-pink with salmon base. Each, 50c.

**Blaze** (Plant patent No. 10) — Hardy everblooming Paul Scarlet Climber. Ea., \$1.25; dozen, \$12.50.

**Golden Climber** (Plant patent No. 28) — New hardy climber with blooming habit of the H. T. Flowers long lasting and almost solitary on stems. Eighteen inches or more in length. Each, \$1.50; dozen, \$15.00.

**Princess Van Orange** (Plant patent No. 106) — Climbing sport of Gloria Mundi. Branches literally covered with masses of blazing flowers with polyantha-like trusses. See color plate, page 107. Each, \$1.25; dozen, \$12.50.

### Collection Offer No. 105

Includes the following Glorious Climbing Roses:

- 1 American Pillar
- 1 Pauls Scarlet
- 1 Silver Moon
- 1 Cl. Etoile de Holland
- 1 Cl. Pres. Hoover

All for  
**\$200**  
 Postpaid  
 Reg. Val. \$2.60

### P.-W.'s Everblooming Climbing Roses

While these varieties do not bloom as constantly as their Hybrid Tea parents, yet their bloom period recurs during the season so they are classed as everbloomers. Where possible give them a protected situation.

**Cl. Gruss an Teplitz** — A perfect sheet of crimson when in bloom. It's the same as the bush Teplitz. Each, 60c.

**Climbing Red Radiance** — Deep velvety-crimson, double, and buds are well-formed. Each, 50c.

**Climbing Los Angeles** — Flowers identical with bush form of Los Angeles-flame pink-toned coral, gold base. Each, 50c.

**Cl. Dame Edith Helen** — Flowers are identical to the bush form; bright pink, perfectly shaped, highly fragrant. Each, 50c.

**Cl. Etoile de Holland** — Flowers are identical to the bush form; the peer of all red roses, magnificent, both in bud and bloom. Each, 60c.

**Cl. Golden Emblem** — Flowers identical to the bush form; immense deep golden yellow glossy foliage, exceptionally fine. Each, 60c.

**Cl. Mme. Edouard Herriot** — Flowers are identical to the bush form; coral-red shaded yellow. Each, 75c.

**Cl. President Hoover** — Flowers same as the bush form; a most striking maroon orange, gold and cerise pink. Each, 60c.

**Cl. Talisman** — Flowers are same as bush form; the sensational rich golden reddish apricot, stained copper. Each, 60c.

All Roses Are Delivered at Prices Quoted. See Page 90 for Quantity Schedule

# Everblooming ROSES—Old & New

**This list is the pick of both old and new**—The leading Everblooming Garden Roses to date. Hybrid Tea are marked (H.T.), Hybrid Perpetual (H.P.), and Tea Roses (T.) Polyantha (Pol.) Hybrid Rugosa (H.R.). We offer strong, healthy 2 and 3-year-old dormant roots, which are thoroughly adapted to the rigors of climate in the Mountain States. Our strong vigorous rose shrubs are in no sense comparable in value to those offered by some other sources at so called "Bargain Prices." For convenience in selecting colors we have arranged the varieties in color groups.



A Group of P.W.'s Roses

## Crimson, Red and Scarlet

**AMERICAN BEAUTY** (H.P.)—Grand old carmine-red. Each, 50c.  
**CUBA** (H.T.)—Bright vermillion scarlet over orange. Each, 50c.  
**E. G. HILL** (H.T.)—Dazzling scarlet, to deep red. Each, 50c.  
**ETOILE DE HOLLANDE** (H.T.)—Deep crimson red, magnificent both bud and bloom. Each, 50c.  
**ESSENCE** (H.T.)—See page 109. Each, 50c.  
**GRENOBLE** (H.T.)—See page 108. Each, 50c.  
**GRUSS AN TEPLITZ** (H.T.)—Fiery-crimson. Wonderful hedge rose. Top size, 50c each; No. 2 size, suitable for hedge work, 30c each; 10 for \$2.75; 100 for \$25.00.  
**HADLEY** (H.T.)—Velvety crimson. Excellent. Each, 50c.  
**HOOSIER BEAUTY** (H.T.)—Dazzling, deep crimson-scarlet. Each, 50c.  
**LAFAYETTE** (Pol.)—Crimson. Each, 50c. (See page 104.)  
**NEW RED HOOVER**—Magnificent glowing red. Each, 75c.  
**RED RADIANCE** (H.T.)—Clear, large, cerise-red. Each, 50c.  
**RED F. J. GROOTENDORST** (H.R.)—See page 104. Each, 50c.

## New Everblooming Patented Roses for 1936

**Alezane** (Plant patent No. 116)—This striking novelty is very vigorous, upright, branching, dark green foliage. See color plate opposite page for color and shape. Each, \$1.50; dozen, \$15.00.  
**Better Times** (Plant patent No. 23)—Flowers produced on long strong stems, excellent cutting. Foliage healthy dark green. Free blooming. Brilliant cerise flowers large, double and fragrant. Each, \$1.50; dozen, \$15.00.  
**Countess Vandal** (Plant patent No. 38)—Most popular everblooming rose. Pointed buds richly colored. See color plate opposite page. Each, \$1.00; dozen, \$10.00.  
**Mary Hart** (Plant patent No. 8)—Striking red sport of Talisman. Does not wilt or dry out when cut. Opens perfectly. See color plate opposite page. Each, \$1.00; dozen, \$10.00.

## Color, Copper and Salmon

**ANGELE PERNET** (H.T.)—Flaming orange to reddish apricot. Each, 60c.  
**AUTUMN** (H.T.)—See page 109 for description. Each, 75c.  
**EDITH NELLIE PERKINS**—Outside cerise, inside salmon. Each, 50c.  
**LOS ANGELES** (H.T.)—Flame-pink, toned coral, gold base. Each, 50c.  
**MAD. CECIL BRUNNER** (Pol.)—Salmon-pink. (See page 104.) Each, 50c.  
**MME. EDOUARD HERRIOT** (H.T.)—See page 108. Each, 50c.  
**MRS. SAM McGREDY** (H.T.)—Grand orange salmon suffused gold. Each, 75c.  
**PRESIDENT HOOVER** (H.T.)—Striking maroon orange, gold and cerise pink. Each, 50c.  
**TALISMAN** (H.T.)—Sensational rich golden reddish apricot, stained copper. Each, 50c.

## Orange and Yellow

**CONDESSA DE SASTAGO** (H.T.)—See page 108. Each, 75c.  
**EUGENIA LAMESCH** (Pol.)—See page 104. Each, 50c.  
**P.-W.'S NEW GOLDEN EMBLEM**—See page 109. Each, 75c.  
**GOLDEN PERNET** (H.T.)—Very double large primrose yellow. Each, 60c.  
**LADY MARGARET STEWART** (H.T.)—Coppery-orange veined orange scarlet. Each, 50c.  
**MRS. AARON WARD** (H.T.)—Coppery-orange to golden. Each, 60c.  
**REV. F. PAGE ROBERTS**—Copper-red to golden-yellow; stained attractively. Each, 60c.  
**SOEUR THERESE**—See page 108. Each, 75c.  
**SOUVENIR DE CLAUDIUS PERNET** (H.T.)—Sunflower-yellow. Very popular. Each, 60c.  
**VILLE DE PARIS** (H.T.)—Clear sunflower yellow. Each, 75c.

## Pink Shades

**DAME EDITH HELEN** (H.T.)—See page 108. Each, 50c.  
**EDITOR McFARLAND** (H.T.)—See page 109. Each, 50c.  
**ELSIE POULSON** (Pol.)—See page 104 for description. Each, 50c.  
**J. OTTO THILOW** (H.T.)—Perfectly wonderful rose pink. Each, 50c.  
**MRS. A. R. BARRACLOUGH** (H.T.)—Full double, clear pink, slight glint of salmon. Each, 50c.  
**MRS. HENRY MORSE** (H.T.)—Bright pink with vermillion veining. Each, 50c.  
**RADIANCE** (H.T.)—Brilliant, popular, carmine-pink. Each, 50c.

## White and Blush White

**AMERICAN BEAUTY WHITE** (H.P.)—Snow-white. Each, 60c.  
**CALEDONIA** (H.T.)—Exquisite, fragrant, best pure white. Each, 50c.  
**KAISERINE AUGUSTA VICTORIA** (H.T.)—White, tinted flesh; prolific. Each, 50c.

See Page 96 for Quantity Price Schedule

## Nigrette

(Plant patent No. 87)—Designated the "black rose" which aptly describes it. See color plate opposite page. Plants continuous in bloom. Each, \$2.00; dozen, \$20.00.

**Rheingold** (Plant patent No. 138)—Splendid new fragrant double golden-yellow, large size. See color plate opposite page. Free blooming. Each, \$1.50; dozen, \$15.00.

**Token** (Plant patent No. 95)—Rich Ophelia-shaped bud, full double flowers, single. Glowing orange, uniform color. Free bloomer. Glossy disease resistant foliage. Each, \$1.50; dozen, \$15.00.

**BLAZE, GOLDEN CLIMBER and PRINCESS VAN ORANGE** (See Climbing Roses, page 105).

# The "Colorful Six" Novelty Roses

Every one is a gem. For description see page 106.

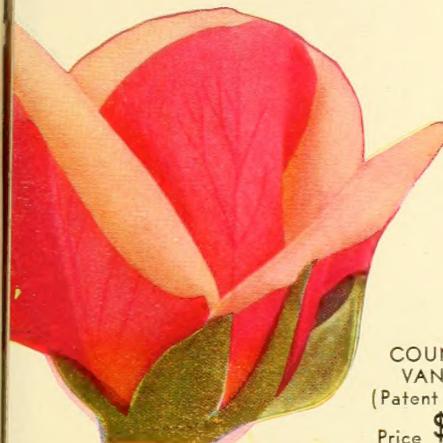


NIGRETTE  
(Patent No. 87)  
Price \$2.00

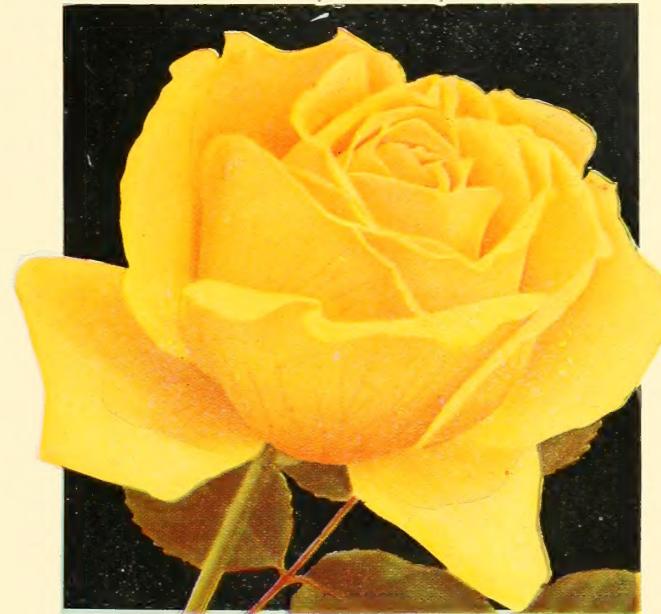
NOVELTY  
COLLEC-  
TION  
No. 107  
Each of  
the six roses  
shown on  
this page,  
(regular val-  
ue \$8.25), all  
postpaid for  
**\$6.75**



MARY HART  
(Patent No. 8) Price \$1.00



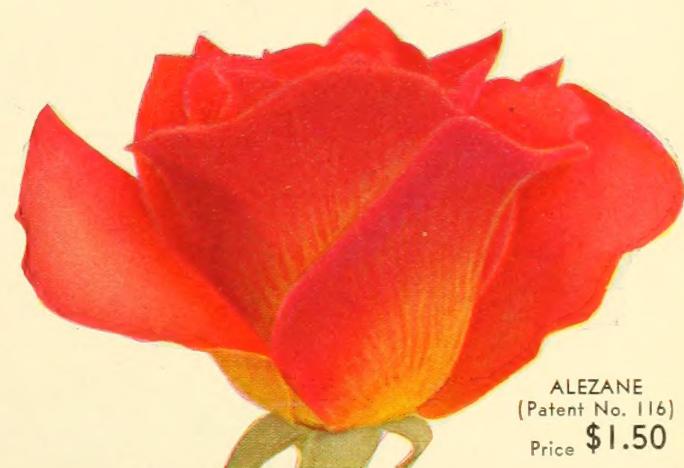
COUNTESS  
VANDAL  
(Patent No. 38)  
Price \$1.00



RHEINGOLD  
(Patent No. 138) Price \$1.50



PRINCESS VAN ORANGE  
(Patent No. 106)  
Climbing Gloria Mundi. Price \$1.25



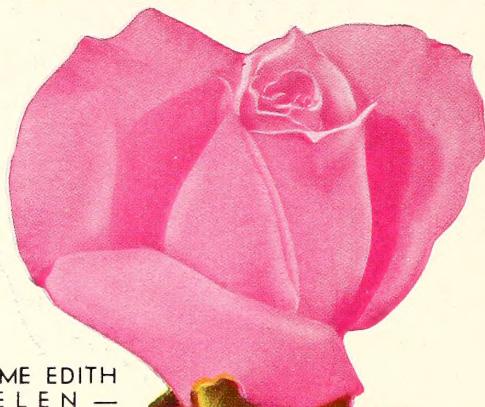
ALEZANE  
(Patent No. 116)  
Price \$1.50

# PORTR-WALTON'S

EVERBLOOMING



ALL FOR



DAME EDITH  
HELEN —  
Splendid two  
toned pink, al-  
ways in bloom.  
50c each.



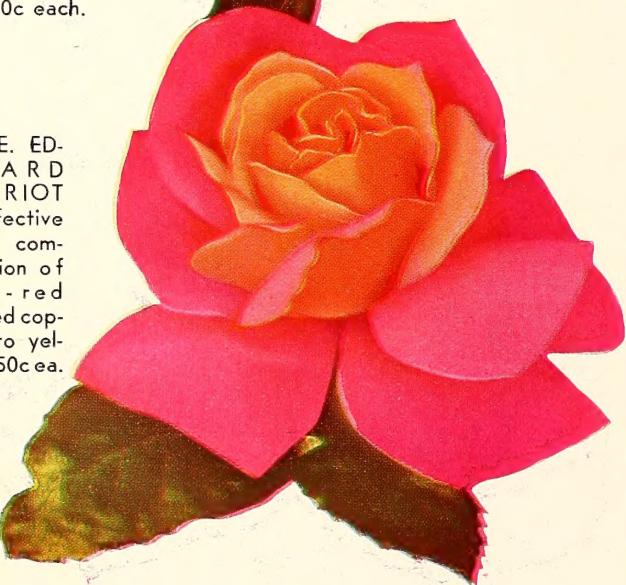
GRENOBLE —  
Large,  
beautifully  
shaped  
scarlet  
crimson,  
long stems.  
50c each.



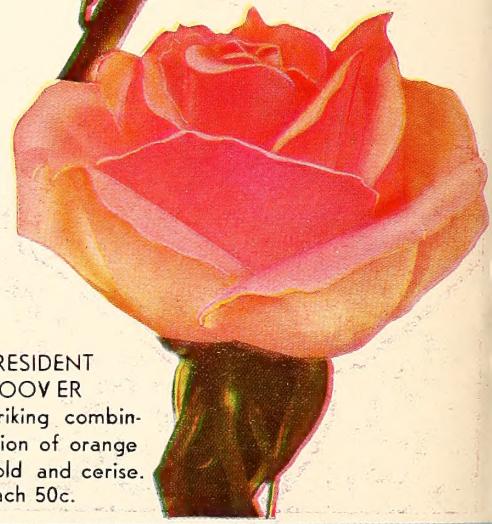
LEONARD  
BARON —  
Large double  
flowers of buff  
tinted salmon.  
50c each.



SOEUR  
THERESE —  
Rich golden  
yellow with  
a faintmark-  
ing of car-  
mine. 75c  
each.



MME. ED-  
OUARD  
HERRIOT  
— Effective  
color com-  
bination of  
coral - red  
shaded cop-  
per to yel-  
low. 50c ea.



PRESIDENT  
HOOVER  
striking combin-  
ation of orange  
gold and cerise.  
Each 50c.

You will be charmed with this delightful collection.  
All are No. 1 Hardy 2 yr. old plants.

# BEST DOZEN

## GARDEN ROSES

**\$5.00**

**POSTAGE  
PREPAID**

(Regular Value—\$7.00)



NEW GOLD-  
EN EMBLEM  
— Mammoth  
deep golden  
yellow. Each  
75c.



AUTUMN — In-  
describable  
deep burnt  
orange stained  
with reddish  
gold. Each 75c.



ESSENCE  
— Grand  
deep Crimson. Each  
50c.



J.C. THOR-  
TON — Or-  
ange Scarlet.  
Most charm-  
ing. Ea. 50c.

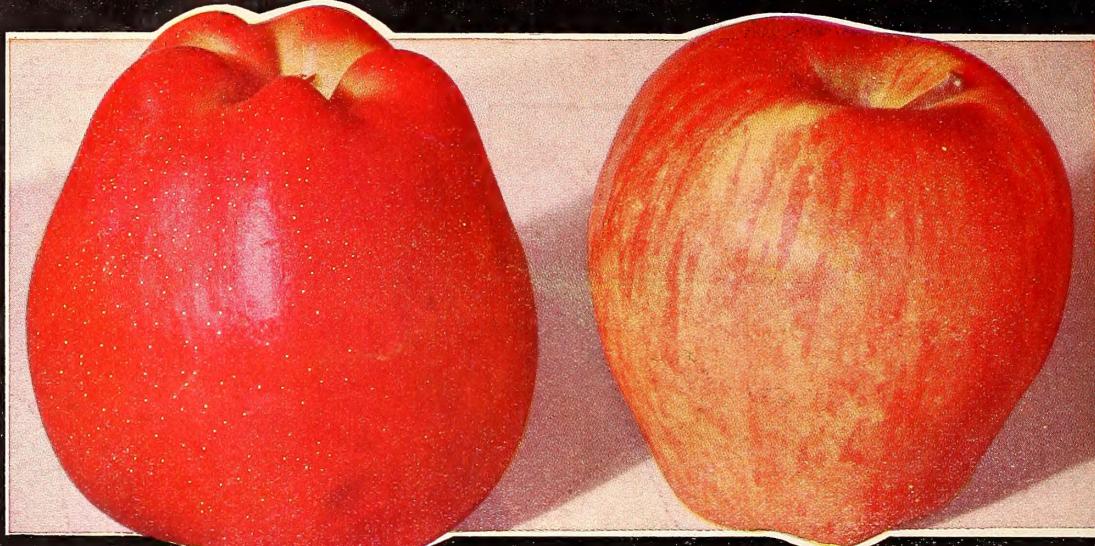


CONDESSA  
de SASTAGO  
— Most ex-  
quisite two-  
toned coppery  
pink and  
gold. Ea. 75c.



EDITOR McFARLAND  
— Perfectly formed  
brilliant unfading pink.  
Each 50c.

The above twelve have been selected from hundreds  
of well known and new Roses as Outstanding leaders



THE NEW  
NEW SHOTWELL DELICIOUS (See p. 88)  
ABOVE SHOWS DIFFERENCE BETWEEN NEW AND OLD "DELICIOUS" STRAINS OF APPLES

THE OLD  
REGULAR DELICIOUS APPLES



NEW GIANT CHERRY RHUBARB

Strong roots, 45c each; 3 for \$1.25, postpaid. Not  
prepaid—30c each; \$3.00 per doz.; \$20.00 per 100.

**PORTER-WALTON COMPANY**  
SALT LAKE CITY, UTAH